



CITY OF BAINBRIDGE ISLAND

PUBLIC WORKS ENGINEERING DEPARTMENT

OLYMPIC DRIVE (SR 305)

NON-MOTORIZED IMPROVEMENT AND WATER MAIN REPLACEMENT PROJECT
(00596) (00336)

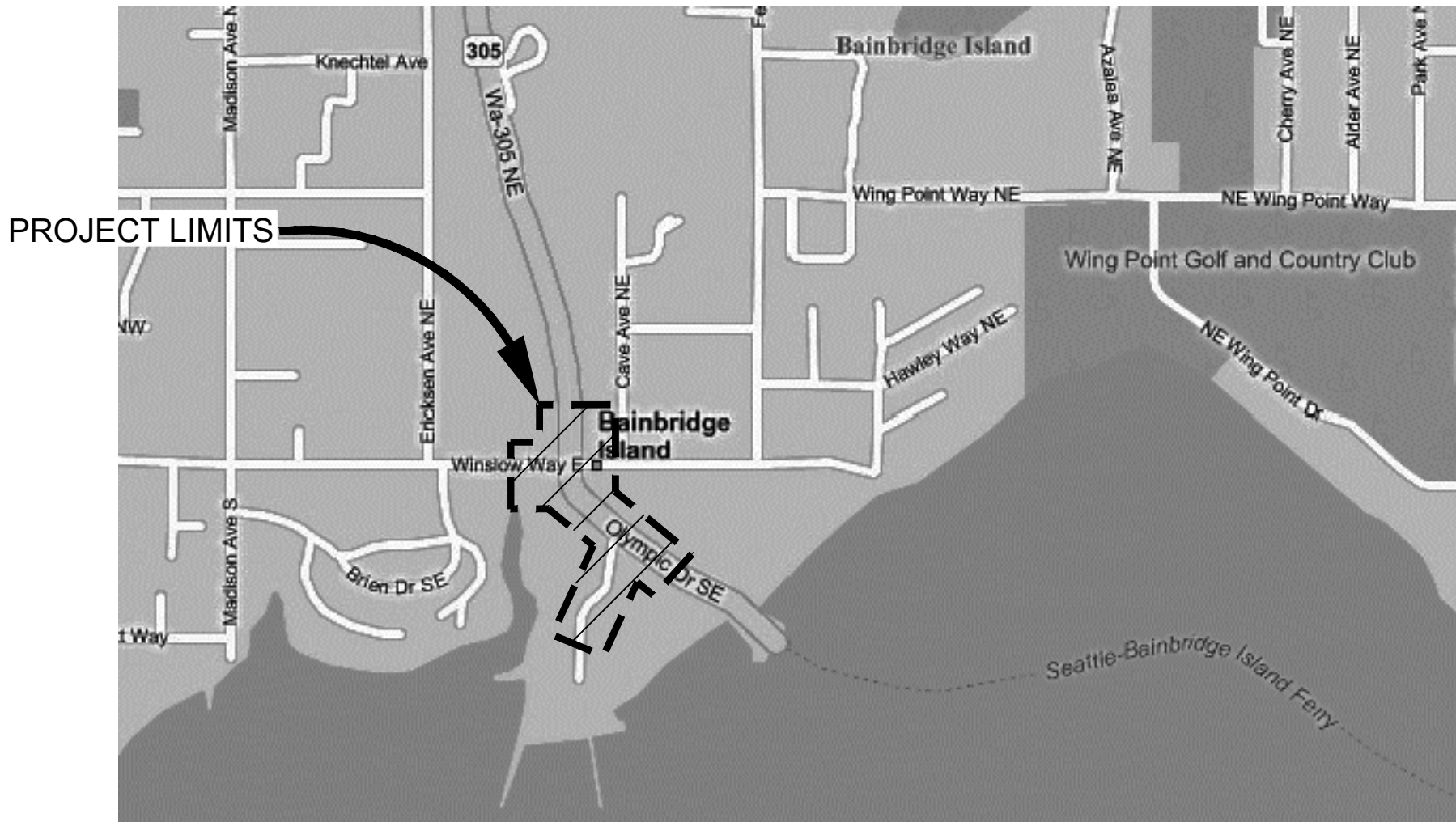
CONSTRUCTION WO # 00596/00336

CITY OFFICIALS:

CITY MANAGER:
DOUG SCHULZE

COUNCIL MEMBERS:

SARAH BLOSSOM
KOL MEDINA
RON PELTIER
WAYNE ROTH
MICHAEL SCOTT
VAL TOLLEFSON
ROGER TOWNSEND



VICINITY MAP AND PROJECT LIMITS NTS

Location:
Olympic Drive – From Winslow Way to Harborview Drive SE;
Harborview Drive SE – South of Olympic Drive;
Winslow Way – East and West of SR 305

DESIGN CONSULTANTS
Civil Engineer & Landscape Architect

MIG|SvR
615 Second Avenue, Suite 280
Seattle, WA 98104
p 206.223.0326 f 206.223.0125
Contact: Nathan Polanski, PE

Geotechnical Engineer

Geoengineers
Plaza 600 Building
600 Stewart Street, Suite 1700
Seattle, WA 98101
p 206.728.2674

Signal Engineer

Concord Engineering
705 2nd Ave, Suite 700
Seattle, WA 98104
p 206.682.0567

Structural Engineer

Swenson Say Faget
2142 Third Avenue, Suite 100
Seattle, WA 98121
p 206.443.6212

SURVEYOR

PACE Engineers, Inc.
11255 Kirkland Way, Suite 300
Kirkland, WA 98033
p 425.827.2014

APPROVED: _____	DATE: _____
BARRY LOVELESS, CITY PUBLIC WORKS DIRECTOR	
APPROVED: _____	DATE: _____
KENNETH CHRIS HAMMER, P.E., CITY ENGINEERING MANAGER	
APPROVED: _____	DATE: _____
DALE SEVERSON, P.E., WSDOT	
APPROVED: _____	DATE: _____
LEI LU, WASHINGTON STATE FERRIES	
APPROVED: _____	DATE: _____
PATRICIA JENKINS, P.E., CITY PROJECT MANAGER	

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PLOT INFO Filename: OD-G1-1-COVER XREF Filename: _____	Drawn By: JZ/JA Checked By: NP/TYS	Surveyed By: SURVEYER Date: DT-SURVEYED	Control Monument: POINT# Field Bk/Pg: BOOK/PAGE	Recorded Survey: Kitap County Auditor AF- FILE VOL- PAGE Vol/Bk Page	Constructed By: CONTRACTOR Date: DT-CONSTRUCTED

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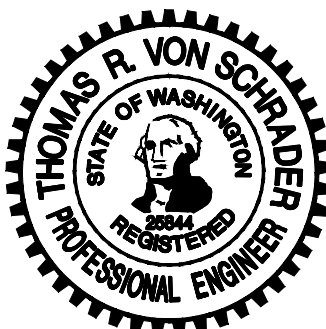
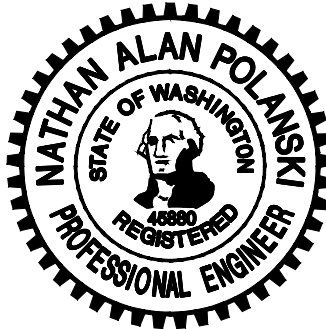
**PUBLIC WORKS
ENGINEERING
DEPARTMENT**

PROJECT INFORMATION

OLYMPIC DRIVE (SR 305)
NON-MOTORIZED IMPROVEMENT AND
WATER MAIN REPLACEMENT PROJECT

SEC.S.26. T.25N. R.2E. W.M.,
CITY OF BAINBRIDGE ISLAND, KITSAP COUNTY, WA.

REVISION BLOCK

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QA/QC REVIEWER

Scale: PER PLAN
 Horiz:
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 Coordinate System:
 WASH STATE PLANE COORDINATE SYSTEM, NORTH ZONE 4601, NAD 83/94
 Vertical Datum:
 NAVD 88
 Designed By:
 NP
 Drawn By:
 JA
 Inspected By:
 Tvs
 W.O. No.:

Issue Date:
 3/3/2017



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SHEET TITLE

SHEET INDEX

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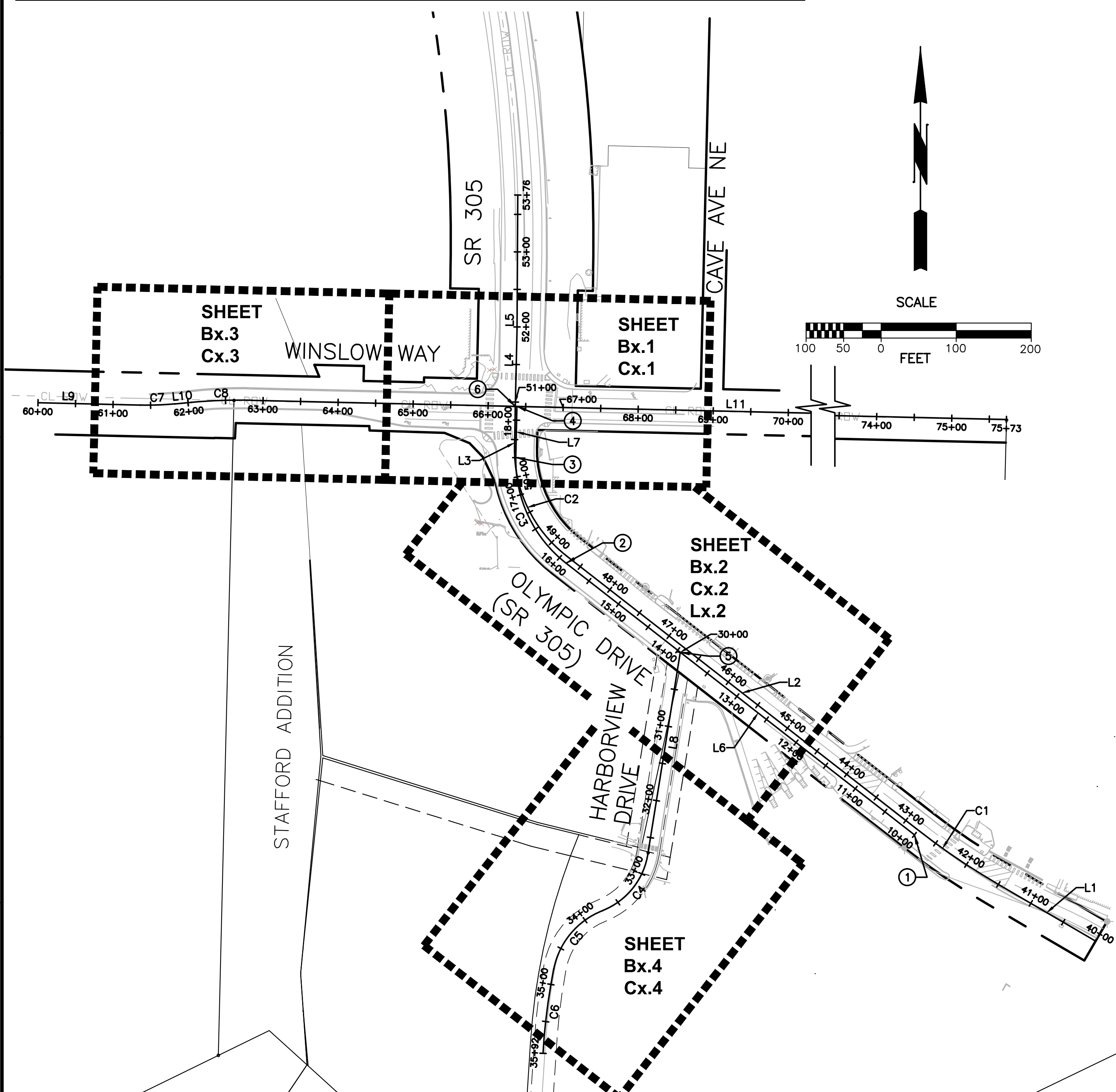
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Plotted: Mar 03, 2017 - 4:44:47pm By: Jennifer
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Filename: 02_G1-3_SITE MAP	Drawn By: Section: JZ/JA	Surveyed By:	Control Monument:	Recorded Survey Kitsap County Auditor AF-	Constructed By:
XREF Filename:	Checked By: NP/TVS	Date:	Field Bk/Pg:	Vol/Bk - Page	Date:

SR305 - OLYMPIC DRIVE ROW CENTERLINE LAYOUT DATA						
NUMBER	DESC	BEGIN STATION	END STATION	NORTHING	EASTING	TANGENT OR CURVE DATA
L1	TANGENT	40+00.00	TO 41+50.80	231745.13 231821.09	1226736.64 1226606.37	N 59° 45' 12" W
C1	PC PT PI	41+50.80	42+79.13	231821.09 231892.98 231853.46	1226606.37 1226500.18 1226550.85	R= 954.93' DELTA = 7°42'00" L= 128.33'
L2	TANGENT	42+79.13	TO 48+73.67	231892.98 232258.57	1226500.18 1226031.34	N 52° 03' 12" W
C2	PC PT PI	48+73.67	50+40.14	232258.57 232403.58 232313.79	1226031.34 1225962.43 1225960.52	R= 179.05' DELTA = 53°16'22" L= 166.48'
L3	TANGENT	50+40.14	TO 50+93.41	232403.58 232456.83	1225962.43 1225963.56	N 1° 13' 10" E
L4	TANGENT	50+93.41	TO 51+95.82	232456.83 232559.21	1225963.56 1225965.76	N 1° 13' 40" E
L5	TANGENT	51+95.82	TO 53+75.80	232559.21 232739.19	1225965.76 1225966.79	N 0° 19' 40" E



OLYMPIC DRIVE CONSTRUCTION CENTERLINE LAYOUT DATA						
NUMBER	DESC	BEGIN STATION	END STATION	NORTHING	EASTING	TANGENT OR CURVE DATA
L6	TANGENT	10+00.00	TO 15+88.60	231886.67 232248.62	1226495.26 1226031.10	N 52° 03' 12" W
C3	PC PT PI	15+88.60	17+50.38	232248.62 232389.53 232302.28	1226031.10 1225964.13 1225962.28	R= 174.00' DELTA = 53°16'22" L= 161.78'
L7	TANGENT	17+50.38	TO 18+18.45	232389.53 232457.58	1225964.13 1225965.58	N 1° 13' 10" E

STATION EQUATIONS FOR OLYMPIC DRIVE R/W CENTERLINE

- ① OLYMPIC DRIVE CONSTRUCTION 10+00.00 0.00' = SR305 - OLYMPIC DRIVE ROW 42+79.13 8.00' LT
- ② OLYMPIC DRIVE CONSTRUCTION 15+88.60 0.00' = SR305 - OLYMPIC DRIVE ROW 48+67.73 8.00' LT
- ③ OLYMPIC DRIVE CONSTRUCTION 17+50.38 0.00' = SR305 - OLYMPIC DRIVE ROW 50+26.01 1.45' RT
- ④ OLYMPIC DRIVE CONSTRUCTION 18+18.45 0.00' = SR305 - OLYMPIC DRIVE ROW 50+94.20 2.00' RT

HARBORVIEW DRIVE CONSTRUCTION CENTERLINE LAYOUT DATA						
NUMBER	DESC	BEGIN STATION	END STATION	NORTHING	EASTING	TANGENT OR CURVE DATA
L8	TANGENT	30+00.00	TO 32+69.98	232129.88 231863.34	1226183.36 1226140.41	S 9° 09' 13" W
C4	PC PT PI	32+69.98	33+73.60	231863.34 231785.56 231806.48	1226140.41 1226079.54 1226132.94	R= 97.13' DELTA = 61°07'21" L= 103.61'
C5	PC PT PI	33+73.60	34+79.04	231785.56 231708.01 231764.54	1226079.54 1226014.69 1226025.88	R= 105.22' DELTA = 57°24'59" L= 105.44'
C6	PC PT PI	34+79.04	35+92.46	231708.01 231595.58 231652.29	1226014.69 1226000.44 1226003.67	R= 819.78' DELTA = 7°55'37" L= 113.42'

- ⑤ HARBORVIEW DRIVE CONSTRUCTION 30+00.00 0.00' = OLYMPIC DRIVE CONSTRUCTION 13+95.52 0.00'

WINSLOW WAY CONSTRUCTION CENTERLINE LAYOUT DATA						
NUMBER	DESC	BEGIN STATION	END STATION	NORTHING	EASTING	TANGENT OR CURVE DATA
L9	TANGENT	60+00.00	TO 61+36.20	232462.39 232459.27	1225327.69 1225463.86	S 88° 41' 15" E
C7	PC PT PI	61+36.20	61+82.17	232459.27 232460.86 232458.75	1225463.86 1225509.77 1225486.86	R= 400.00' DELTA = 6°35'05" L= 45.97'
L10	TANGENT	61+82.17	TO 62+04.35	232460.86 232462.90	1225509.77 1225531.86	N 84° 43' 40" E
C8	PC PT PI	62+04.35	62+84.80	232462.90 232465.68 232466.60	1225531.86 1225612.22 1225571.96	R= 700.00' DELTA = 6°35'05" L= 80.45'
L11	TANGENT	62+84.80	TO 75+72.93	232465.68 232436.17	1225612.22 1226900.01	S 88° 41' 15" E

- ⑥ WINSLOW WAY CONSTRUCTION 66+36.26 0.01' R = SR305 - OLYMPIC DRIVE ROW 50+94.20 0.00' L

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CITY OF BAINBRIDGE ISLAND
280 Madison Avenue N
Bainbridge Island, WA
206-842-2016

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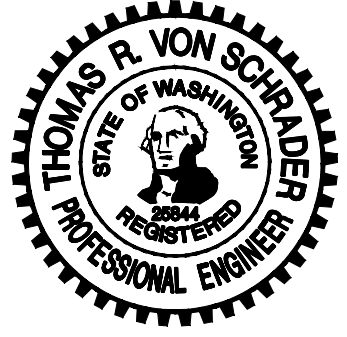

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SHEET TITLE

SITE MAP AND
CONSTRUCTION
ALIGNMENT DATA

Drawing No.
G1.3

Sheet No. **X** of

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Plotted: Mar 03, 2017 - 4:46:49pm By: Jennifer
File: C:\146\146086-00\Current\02_G1-4_NOTES.dwg Layout: Layout1

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COBI GENERAL NOTES


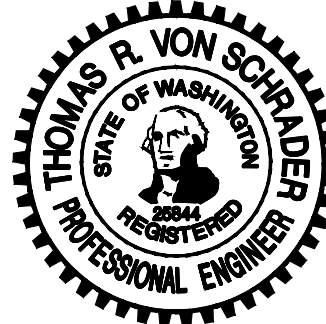



1. ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE CITY’S REQUIREMENTS AND SPECIFICATIONS.
2. STANDARD SPECIFICATIONS SHALL BE THE CURRENT WSDOT MANUAL AS MODIFIED BY THE CITY, INCLUDING THE CITY’S STANDARD DRAWINGS, SPECIFICATIONS, AND REQUIREMENTS.
3. A COPY OF THE APPROVED PLANS AND SPECIFICATIONS SHALL BE ON SITE DURING CONSTRUCTION.
4. A PRE–CONSTRUCTION MEETING SHALL BE REQUIRED PRIOR TO ANY WORK.
5. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL CALL THE UNDERGROUND UTILITIES LOCATION CENTER AT 1–800–424–5555 FOR ALL UTILITY LOCATIONS.
6. DURING CONSTRUCTION, THE CONTRACTOR SHALL CONTROL ON–SITE STORM WATER RUNOFF BY USING TEMPORARY OR PERMANENT DRAINAGE EROSION/SILTATION CONTROL PROCEDURES IN ACCORDANCE WITH WASHINGTON STATE DEPARTMENT OF ECOLOGY (DOE) STORMWATER REQUIREMENTS.
7. LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE. ACTUAL LOCATIONS SHALL BE FIELD VERIFIED.
8. THE CONTRACTOR SHALL INSTALL, REPLACE, OR RELOCATE ALL SIGNS, AS SHOWN ON THE PLANS OR AS AFFECTED BY CONSTRUCTION.
9. DURING CONSTRUCTION, ALL PUBLIC STREETS A PART OF THIS PROJECT OR ADJACENT TO THIS PROJECT SHALL BE KEPT CLEAN OF ALL MATERIAL DEPOSITS RESULTING FROM ON–SITE CONSTRUCTION.
10. CERTIFIED RECORD DRAWINGS ARE REQUIRED PRIOR TO PROJECT ACCEPTANCE. A COPY OF THE CONTRACTOR’S CONSTRUCTION SITE REDLINES SHALL BE PROVIDED TO THE ENGINEER FOR TRANSFER AND COMPLETION OF RECORD DRAWINGS.
11. ALL REQUIRED LANDSCAPING SHALL CONFORM WITH THE CURRENT CITY ZONING ORDINANCE.
12. FOR MANHOLE AND CATCH BASIN RIM ADJUSTMENT, MAXIMUM ADJUSTMENT WITH BRICK OR RIMS AND CASTINGS SHALL BE 16 INCHES WITHOUT ADDING NEW SECTIONS.
13. ALL MANHOLES AND CATCH BASINS IN PUBLIC RIGHT–OF–WAY OR EASEMENTS SHALL BE ADJUSTED BEFORE PAVING, IN ACCORDANCE WITH WSDOT STANDARDS.
14. ALL CONNECTIONS OF SDR 35 PVC PIPE TO MANHOLES SHALL BE MADE BY USING A/C X PVC SEWER ADAPTER GASKET BY ROMAC® OR GPK PRODUCTS INC.
15. ALL PIPE TRENCH BACKFILL IN THE PUBLIC RIGHT–OF–WAY SHALL BE IN ACCORDANCE WITH THE WSDOT SPECIFICATIONS, CURRENT EDITION.
16. STORM LINES SHALL BE LAID TO THE GRADES AND ELEVATIONS SHOWN ON THE DRAWINGS AND SHALL NOT BE CHANGED WITHOUT CITY APPROVAL.

TESC NOTES

1. CONSTRUCTION EROSION CONTROL MEASURES MUST BE IN PLACE AND APPROVED BY CITY INSPECTOR PRIOR TO ANY EARTH DISTURBANCE.
2. CONTRACTOR SHALL PREPARE AND SUBMIT FOR PERMITTING AGENCY’S FILE A STORMWATER POLLUTION PREVENTION PLAN (SWPPP). THE SWPPP SHALL BE PREPARED IN ACCORDANCE WITH WASHINGTON STATE’S DEPARTMENT OF ECOLOGY WATER POLLUTION CONTROL LAW. THE REQUIREMENTS FOR THE SWPPP ARE AS OUTLINED IN ECOLOGY’S NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM AND STATE WASTE DISCHARGE GENERAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES.
3. THE IMPLEMENTATION OF THE TEMPORARY EROSION AND SEDIMENT CONTROL (TESC) PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT AND UPGRADING OF THE TESC FACILITIES IN COORDINATION WITH THE CONTRACTOR PREPARED AND CITY APPROVED SWPPP IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS APPROVED AND SITE IS PERMANENTLY STABILIZED.
4. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY SEDIMENTATION COLLECTION FACILITIES TO ENSURE THAT SEDIMENT–LADEN WATER DOES NOT ENTER THE PUBLIC DRAINAGE SYSTEM. AS CONSTRUCTION PROGRESSES AND UNEXPECTED (SEASONAL) CONDITIONS DICTATE, MORE SILTATION CONTROL FACILITIES MAY BE REQUIRED TO ENSURE COMPLETE SILTATION CONTROL OF THE PROJECT. THEREFORE, DURING THE COURSE OF CONSTRUCTION IT SHALL BE THE OBLIGATION AND RESPONSIBILITY OF THE CONTRACTOR TO ADDRESS ANY NEW CONDITIONS THAT MAY BE CREATED BY HIS/HER ACTIVITIES AND TO PROVIDE ADDITIONAL FACILITIES THAT MAY BE NEEDED TO PROTECT ADJACENT PROPERTIES.
5. THE TESC FACILITIES SHOWN ON THE PLANS AND CITY APPROVED SWPPP MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL DEMOLITION, CLEARING, AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT LADEN WATER DOES NOT LEAVE THE SITE, ENTER THE DRAINAGE SYSTEM, OR VIOLATE APPLICABLE WATER STANDARDS.
6. DURING THE CONSTRUCTION PERIOD, THE TESC FACILITIES SHALL BE MAINTAINED AND UPGRADED (E.G. ADDITIONAL SUMPS, RELOCATION OF DITCHES, PORTABLE TANKS AND SILT FENCES, ETC.) IN COORDINATION WITH THE CONTRACTOR PREPARED SWPPP AS NEEDED SO AS NOT TO VIOLATE APPLICABLE WATER STANDARDS.
7. STABILIZED CONSTRUCTION ENTRANCES AND WASH PADS AT ALL CONSTRUCTION SITE EXITS SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES AT CONTRACTOR’S EXPENSE MAY BE REQUIRED TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
8. NO SEDIMENT SHALL BE TRACKED INTO THE STREET OR ONTO PAVED SURFACES. SEDIMENT SHALL BE REMOVED FROM TRUCKS AND EQUIPMENT PRIOR TO LEAVING THE SITE. IN THE EVENT OF FAILURE OF THE EROSION CONTROL SYSTEM RESULTING IN SEDIMENT BEING TRACKED ONTO PAVED SURFACES, THE CONTRACTOR SHALL IMMEDIATELY IMPLEMENT MEASURES TO CORRECT THE SITUATION, AND VACUUM STREET SWEEPING SHALL BE EMPLOYED ON AN EMERGENCY BASIS. IF VACUUM STREET SWEEPING VEHICLES ARE UTILIZED, THEY SHALL BE OF THE TYPE THAT ACTUALLY REMOVES THE SEDIMENT FROM THE PAVEMENT. WASHING OF THE STREETS WILL NOT BE ALLOWED WITHOUT PRIOR CITY APPROVAL.

9. ALL TESC FACILITIES SHALL CONFORM TO THE BEST MANAGEMENT PRACTICES LISTED IN DOE STORMWATER MANUAL.
10. NO EXPOSED EARTH SHALL REMAIN UNSTABILIZED FOR MORE THAN 7 DAYS FROM MAY 1ST TO SEPTEMBER 30TH. FROM OCTOBER 1ST TO APRIL 30TH NO EXPOSED EARTH SHALL REMAIN UNSTABILIZED FOR MORE THAN 2 DAYS. STABILIZATION OF EXPOSED EARTH SHALL BE WITH APPROVED TESC METHODS (I.E. SEEDING, MULCHING, NETTING, EROSION BLANKETS, COVERING, ETC.) IN COORDINATION WITH THE CONTRACTOR PREPARED SWPPP. EXPOSED SOILS ALONG THE EXISTING SLOPE SHALL BE COVERED AT ALL TIMES.
11. NO SEDIMENT SHALL BE ALLOWED TO ENTER ANY CATCH BASIN WITHIN THE SITE, OR ADJACENT PROPERTIES. IN THE EVENT OF A FAILURE OF THE TESC PLAN THAT RESULTS IN SEDIMENT ENTERING A CATCH BASIN, THE CONTRACTOR SHALL REMOVE ALL SUCH SEDIMENT IMMEDIATELY.
12. DISTURBED SOILS THAT ARE EXPOSED TO SURFACE RUNOFF SHALL BE STABILIZED WITH TESC MEASURES AS DIRECTED BY THE CITY INSPECTOR.
13. THE TESC FACILITIES SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING.
14. CATCH BASINS IN THE STREET SHALL BE INSPECTED BY THE CONTRACTOR DAILY. WATER LEAVING THE SITE DURING CONSTRUCTION, INCLUDING WATER CARRIED BY TRUCKS, SHALL BE CLEAN. THE CONTRACTOR SHALL CLEAN CITY CATCH BASINS AND IMPLEMENT EXTRA SEDIMENTATION CONTROL MEASURES IF NECESSARY AND AS DIRECTED BY THE CITY INSPECTOR AT NO ADDITIONAL EXPENSE TO OWNER.
15. THE TESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED DAILY AND WITHIN 24 HOURS FOLLOWING A STORM EVENT.
16. THE TESC FACILITIES SHALL BE MAINTAINED UNTIL PERMANENT EROSION CONTROL (REVEGETATION WITH TREES, SHRUBS, GROUND COVER, ETC.) IS IN PLACE.
17. PROTECT STOCKPILES FROM WET WEATHER AND CONTAMINATION FROM OTHER SOURCES. PROVIDE DUST CONTROL MEASURES AND STOCKPILE PROTECTION IN ACCORDANCE WITH CITY APPROVED SWPPP. STOCKPILES THAT BECOME UNSUITABLE DUE TO LACK OF PROTECTION MEASURES SHALL BE PROPERLY DISPOSED OF AND REPLACED AT CONTRACTOR’S EXPENSE. STOCKPILES SHALL NOT BE LOCATED ON THE EXISTING VEGETATED SLOPE.
18. WHERE SEEDING FOR TEMPORARY EROSION CONTROL IS USED, FAST GERMINATING GRASSES SHALL BE APPLIED AT AN APPROPRIATE RATE. SEE SPECIFICATIONS FOR SEED MIX AND RATE OF APPLICATION.
19. WHERE STRAW MULCH FOR TEMPORARY EROSION CONTROL IS USED, IT SHALL BE APPLIED AT A MINIMUM THICKNESS OF TWO INCHES.
20. THE TESC MEASURES SHOWN ON THE PLANS ARE FOR CITY PERMITTING PURPOSES ONLY. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL MEANS AND METHODS AND SEQUENCING OF TESC MEASURES AND ENSURING WATER QUALITY REQUIREMENTS ARE MET.

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<div><div>CITY OF BAINBRIDGE ISLAND CITY OF BAINBRIDGE ISLAND280 Madison Avenue N Bainbridge Island, WA 206–842–2016</div></div>																																																					
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Control Monument:		Field Bk/Pg:	
Recorded Survey Kitsap County Auditor		Constructed By: Date:	
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COBI WATER LINE PLAN NOTES

1. WATER LINES SHALL BE LAID TO THE GRADES AND ELEVATIONS SHOWN ON THE DRAWINGS AND SHALL NOT BE CHARGED WITHOUT CITY APPROVAL.
2. LOCATION OF WATER SERVICES SHALL ONLY BE CHANGED AS REQUIRED DURING CONSTRUCTION UPON AUTHORIZATION OF THE CITY. CONTRACTOR SHALL NOTIFY THE CITY ENGINEER WHEN EXACT LOCATIONS ARE DETERMINED.
3. CONTRACTOR SHALL OBTAIN ALL NECESSARY WATER SERVICE CONNECTION PERMITS FROM THE CITY PRIOR TO CONSTRUCTION.
4. ALL VALVE BOXES IN PUBLIC RIGHT-OF-WAY OR EASEMENTS SHALL BE ADJUSTED TO FINAL GRADE BEFORE FINAL PAVING IS COMPLETE IN ACCORDANCE WITH COBI STANDARD DRAWING 10-210.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ALL FEDERAL, STATE AND LOCAL REQUIREMENTS FOR WORKING WITH, CONNECTING TO AND DISPOSING OF ASBESTOS CEMENT WATER PIPE.
6. TESTING OF WATER MAIN SHALL BE COMPLETED PER AWWA FOR QUALITY AND PRESSURE.

GENERAL UTILITY NOTES

1. ALL LOCATIONS OF EXISTING UTILITIES SHOWN HEREON HAVE BEEN ESTABLISHED BY FIELD SURVEY OR OBTAINED FROM AVAILABLE RECORDS AND SHOULD THEREFORE BE CONSIDERED APPROXIMATE ONLY AND NOT NECESSARILY COMPLETE. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INDEPENDENTLY VERIFY THE ACCURACY OF ALL UTILITY LOCATIONS SHOWN AND TO FURTHER DISCOVER AND AVOID ANY OTHER UTILITIES NOT SHOWN HEREON WHICH MAY BE AFFECTED BY THE IMPLEMENTATION OF THIS PLAN. DOCUMENT UNUSED AND UNIDENTIFIED UTILITIES FOUND DURING CONSTRUCTION ON AS-BUILTS. UTILITY CROSSINGS ON PROFILES ARE APPROXIMATE AND BASED ON AVAILABLE RECORDS, STANDARD INDUSTRY PRACTICES AND PROPOSED UTILITY DETAILS FOR NEW SERVICES.
2. UTILITY WORK SHALL BE IN ACCORDANCE WITH CITY OF BAINBRIDGE ISLAND DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS.
3. EXCAVATION NEAR UTILITY POLES REQUIRES STRUCTURAL SUPPORT. CONTRACTOR TO HIRE PROFESSIONAL STRUCTURAL ENGINEER TO DESIGN SUPPORTS. SUBMIT DESIGNS STAMPED BY A WASHINGTON STATE LICENSED PROFESSIONAL STRUCTURAL ENGINEER TO UTILITY PROVIDER FOR APPROVAL.
4. WHERE A NEW PIPE CLEARS AN EXISTING OR NEW UTILITY BY 6" OR LESS, POLYETHYLENE PLASTIC FOAM SHALL BE PLACED AS A CUSHION BETWEEN THE UTILITIES.

HORIZONTAL AND VERTICAL CONTROL NOTES

*PROVIDED BY PACE ENGINEERS, INC.

DATUM:
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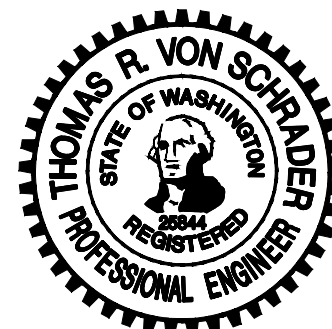
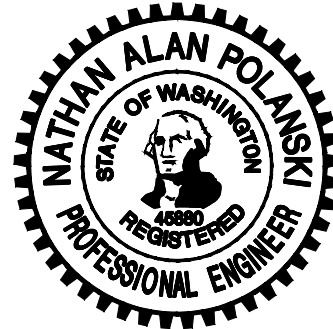
BASIS OF BEARING:
SEE SHEET G1.3

BENCHMARKS
TO BE PROVIDED BY PACE ENGINEERS, INC.

ELECTRONIC INFORMATION TRANSFER AGREEMENT (EITA)

AN AUTOCAD® CIVIL 3D® 2015 FILE (FOR THE SOLE PURPOSE OF 2D HORIZONTAL LAYOUT) CAN BE PROVIDED TO THE CONTRACTOR AT THE BEGINNING OF THE PROJECT'S CONSTRUCTION. THE AUTOCAD FILE CAN PROVIDE FOR HORIZONTAL LAYOUT OF CIVIL UTILITIES (STORM AND WATER), GRADING CONTOURS, STRIPING, LANDSCAPING, SPOT ELEVATIONS, RETAINING WALL AND PAVING (WALKS, DRIVES, CURBS) SHOWN ON PLAN VIEW OF THE CIVIL/LANDSCAPE DRAWINGS. PRIOR TO RELEASE OF AUTOCAD FILE, CONTRACTOR WILL BE REQUIRED TO SIGN AN ELECTRONIC INFORMATION TRANSFER AGREEMENT (EITA) FORM FROM MIG|SVR. PLEASE SUBMIT REQUEST FOR MIG|SVR'S EITA FORM THROUGH THE CONTRACTING AGENCY'S PROJECT CONTACT ESTABLISHED FOR THE JOB. CONTRACTING AGENCY'S PROJECT CONTACT WILL THEN NOTIFY MIG|SVR'S PROJECT MANAGER FOR A COPY OF THE EITA FORM. AFTER MIG|SVR HAS RECEIVED THE SIGNED EITA FORM, ALLOW UP TO SEVEN (7) BUSINESS DAYS FOR PREPARATION OF THE FILE BY MIG|SVR. IF DISCREPANCIES ARE OBSERVED BETWEEN THE AUTOCAD FILE PROVIDED AND INFORMATION SHOWN ON THE HARD COPY OF THE CONSTRUCTION DOCUMENTS, NOTIFY PROJECT CONTACT BY SUBMITTING A RFI.

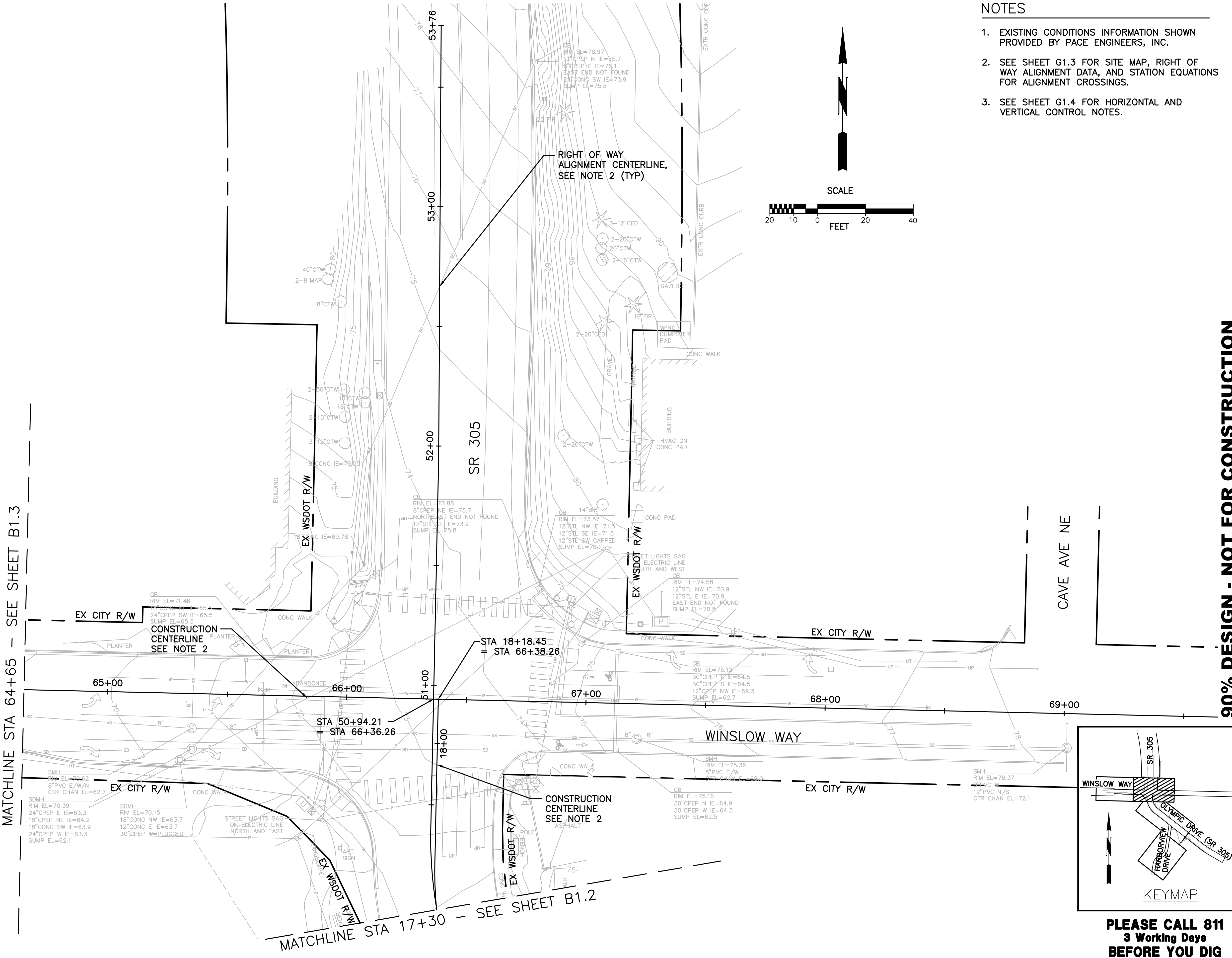
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<div><div>CITY OF BAINBRIDGE ISLAND CITY OF BAINBRIDGE ISLAND280 Madison Avenue N Bainbridge Island, WA206-842-2016</div></div> <div>PUBLIC WORKS ENGINEERING DEPARTMENT</div>			
PROJECT INFORMATION			
OLYMPIC DRIVE (SR 305) NON-MOTORIZED IMPROVEMENT AND WATER MAIN REPLACEMENT PROJECT SEC.S.26. T.25N. R.2E. W.M., CITY OF BAINBRIDGE ISLAND, KITSAP COUNTY, WA.			
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<div><div>QA/QC REVIEWER</div></div>			
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<div><div>MIGSVR</div><div>615 SECOND AVE. SUITE 280 SEATTLE, WA 98104 T 206.223.0336 F 206.223.0125 www.svrdesign.com</div></div>			
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Sheet No. X of			

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- NOTES
- EXISTING CONDITIONS INFORMATION SHOWN PROVIDED BY PACE ENGINEERS, INC.
 - SEE SHEET G1.3 FOR SITE MAP, RIGHT OF WAY ALIGNMENT DATA, AND STATION EQUATIONS FOR ALIGNMENT CROSSINGS.
 - SEE SHEET G1.4 FOR HORIZONTAL AND VERTICAL CONTROL NOTES.

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PROJECT INFORMATION

OLYMPIC DRIVE (SR 305)
NON-MOTORIZED IMPROVEMENT AND
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OLYMPIC DRIVE (SR 305)
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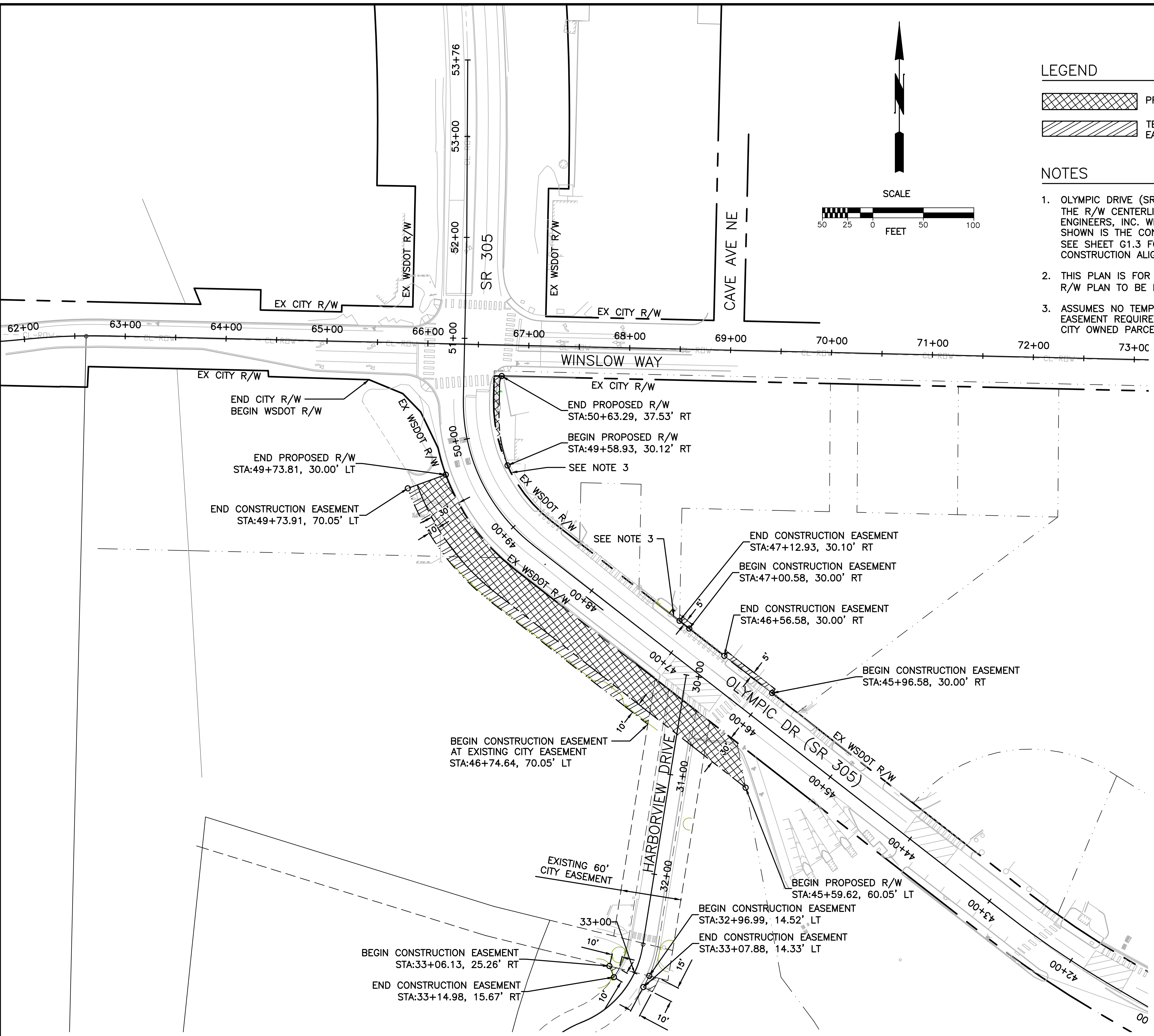
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RIGHT OF WAY AND EASEMENT PLAN

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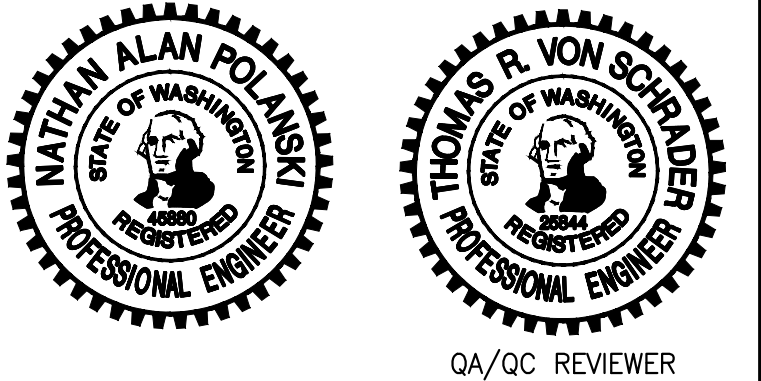
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OLYMPIC DRIVE (SR 305)
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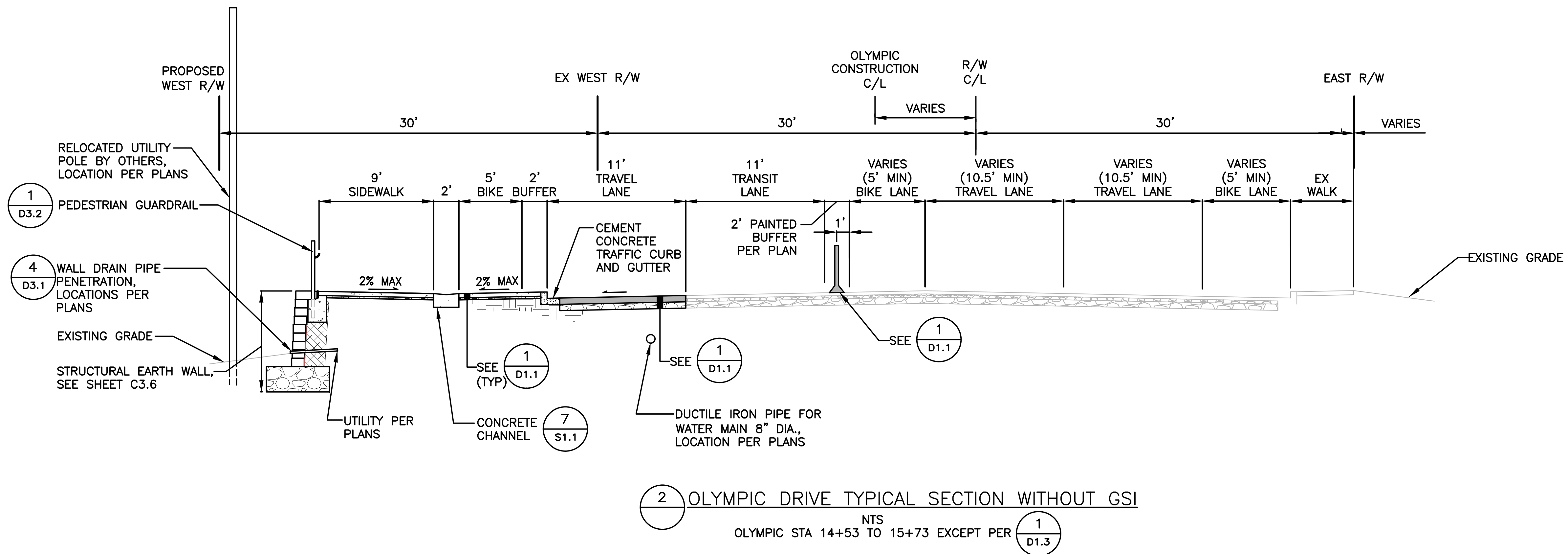
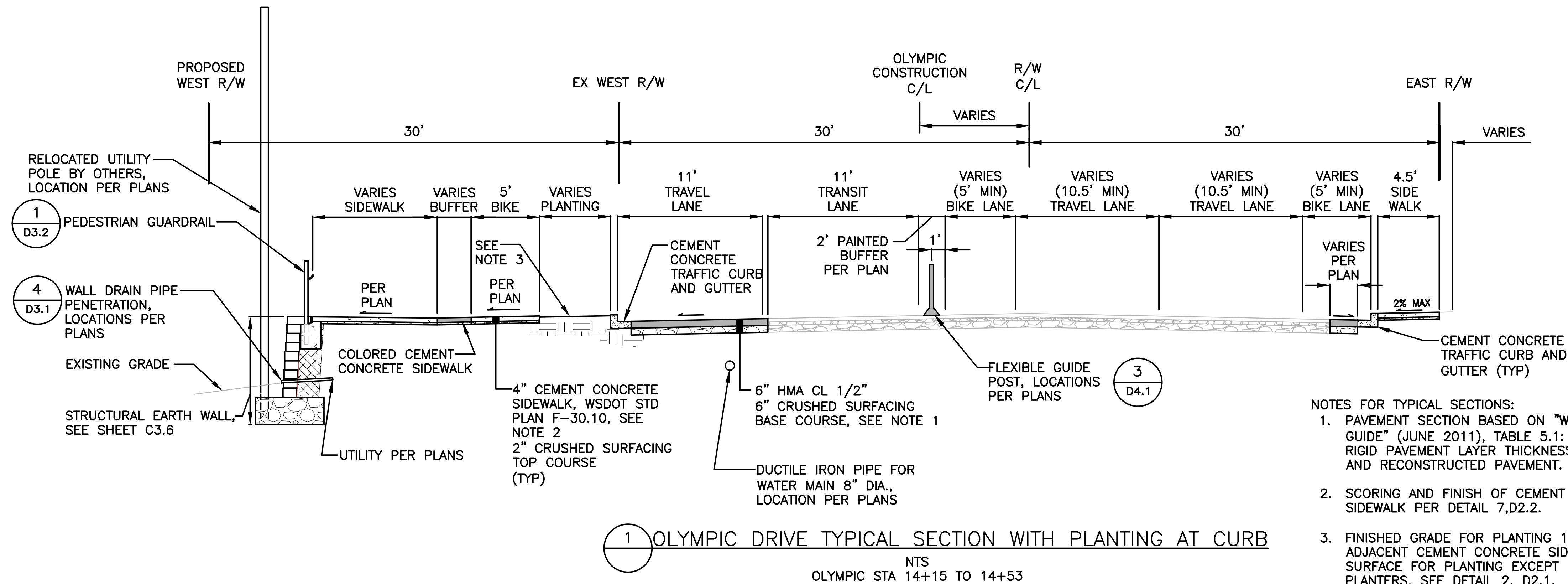
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TYPICAL SECTIONS

Drawing No.

D1.1

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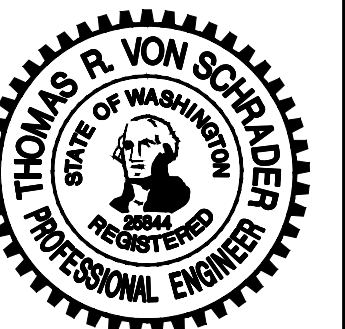
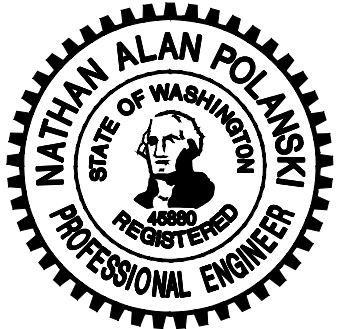
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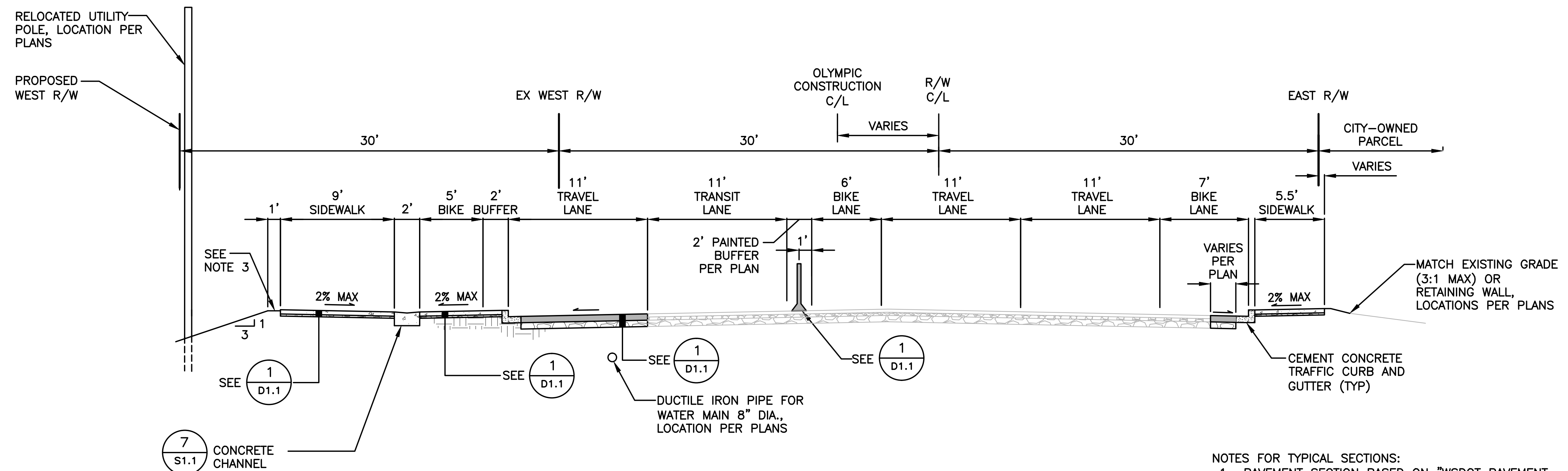
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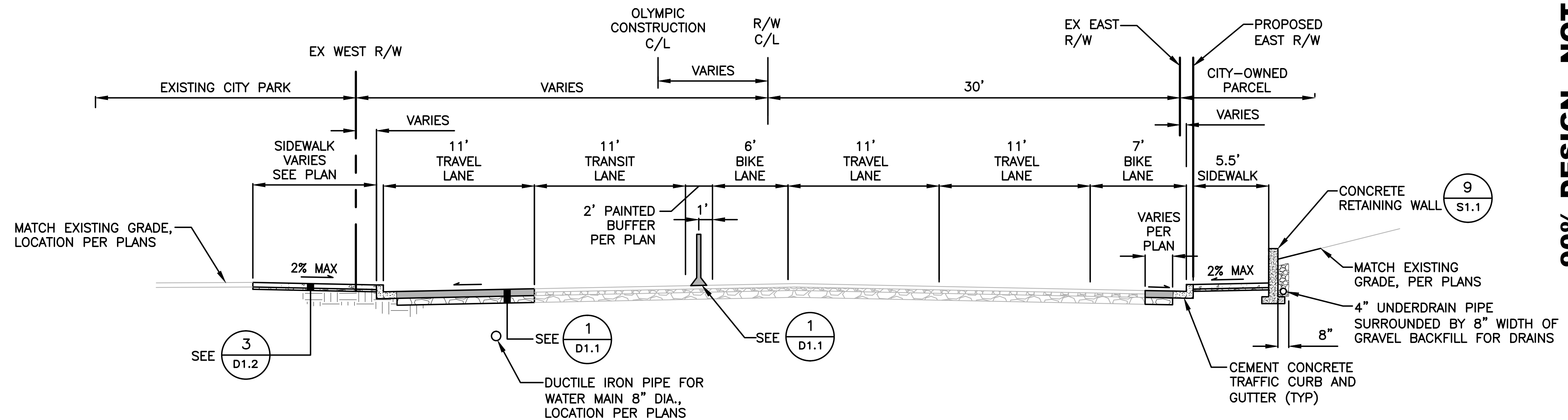
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NOTES FOR TYPICAL SECTIONS:

1. PAVEMENT SECTION BASED ON "WSDOT PAVEMENT GUIDE" (JUNE 2011), TABLE 5.1: FLEXIBLE AND RIGID PAVEMENT LAYER THICKNESSES FOR NEW AND RECONSTRUCTED PAVEMENT.
2. SCORING AND FINISH OF CEMENT CONCRETE SIDEWALK PER DETAIL 7,D2.2.
3. FINISHED GRADE FOR PLANTING 1" BELOW ADJACENT CEMENT CONCRETE SIDEWALK GRADE SURFACE FOR PLANTING EXCEPT BIORETENTION PLANTERS, SEE DETAIL 2, D2.1.

1 OLYMPIC DRIVE TYPICAL SECTION WITHOUT WALL/GSI
NTS
OLYMPIC STA 15+73 TO 16+53



2 OLYMPIC DRIVE TYPICAL SECTION ALONG WAYPOINT PARK
NTS
OLYMPIC STA 17+02 TO 17+56

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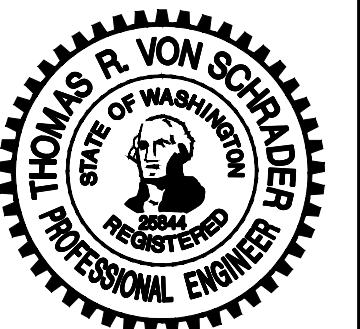
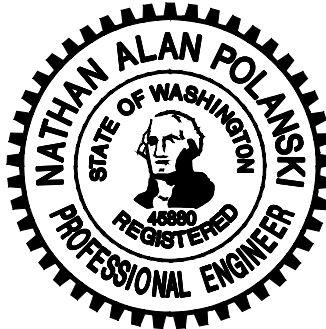
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OLYMPIC DRIVE (SR 305)
NON-MOTORIZED IMPROVEMENT AND
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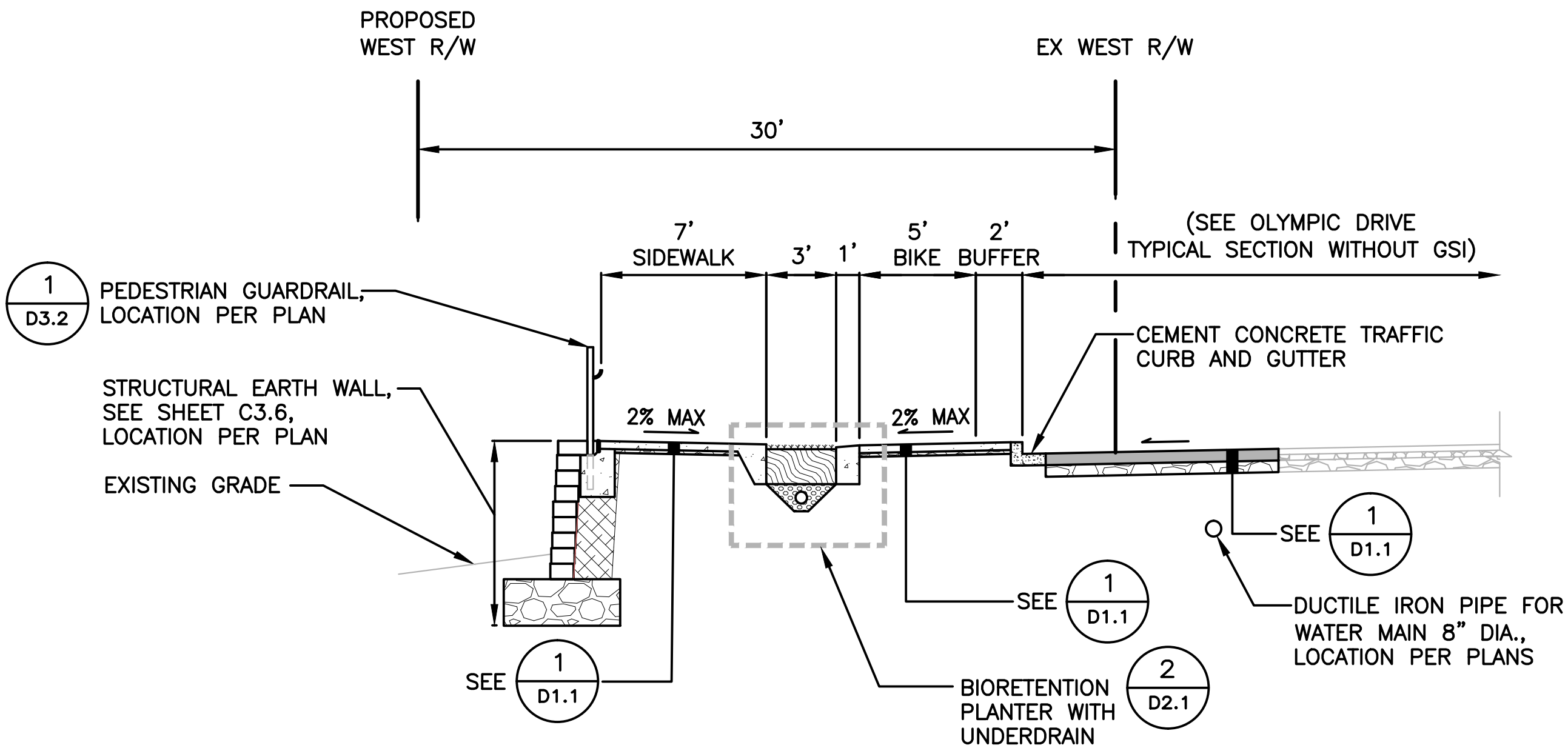
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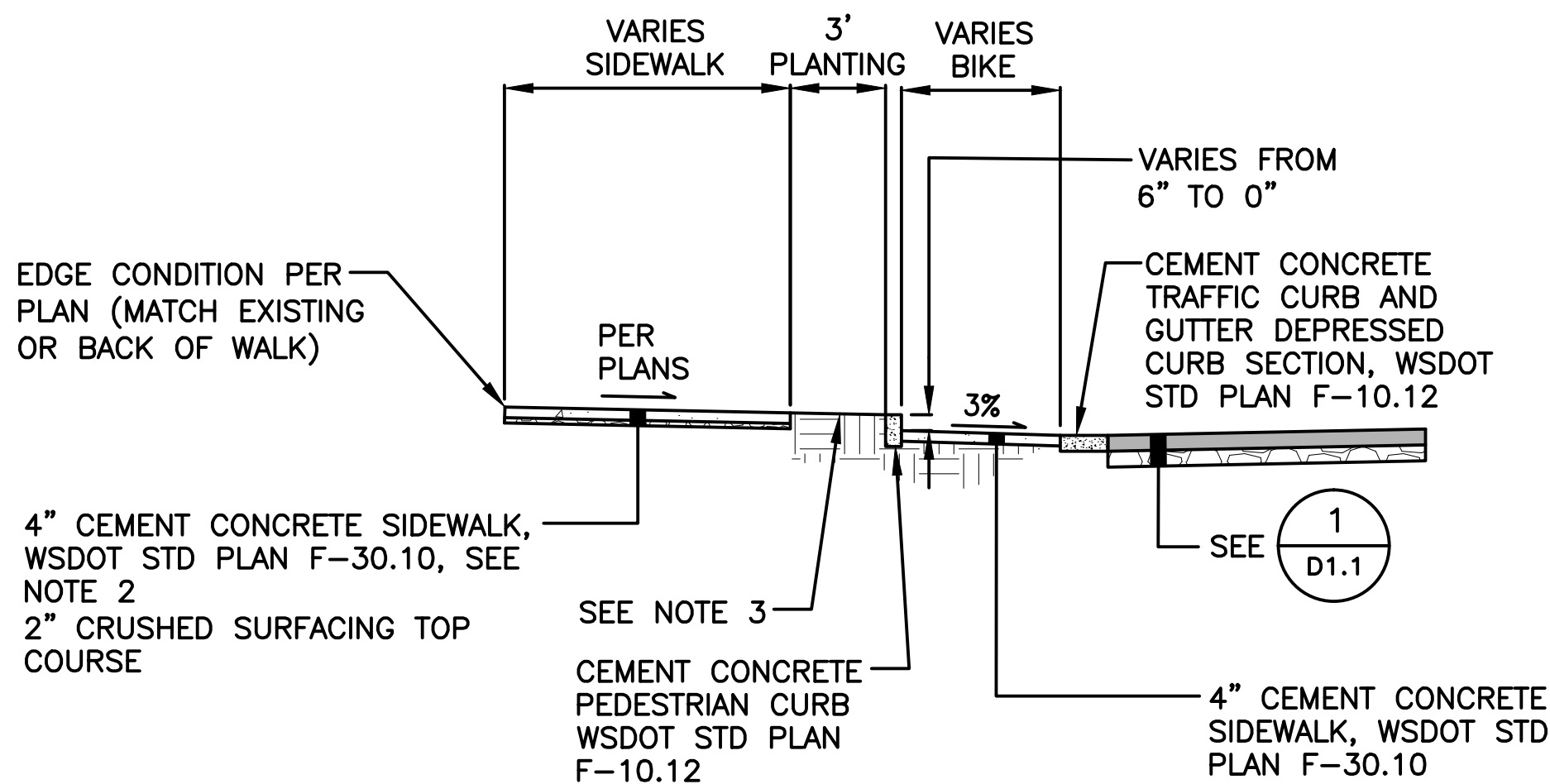
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1 OLYMPIC DRIVE TYPICAL SECTION WITH GSI

OLYMPIC STA 14+77 TO 15+02,	NTS 15+32 TO 15+57, 15+89 TO 16+17
-----------------------------	------------------------------------

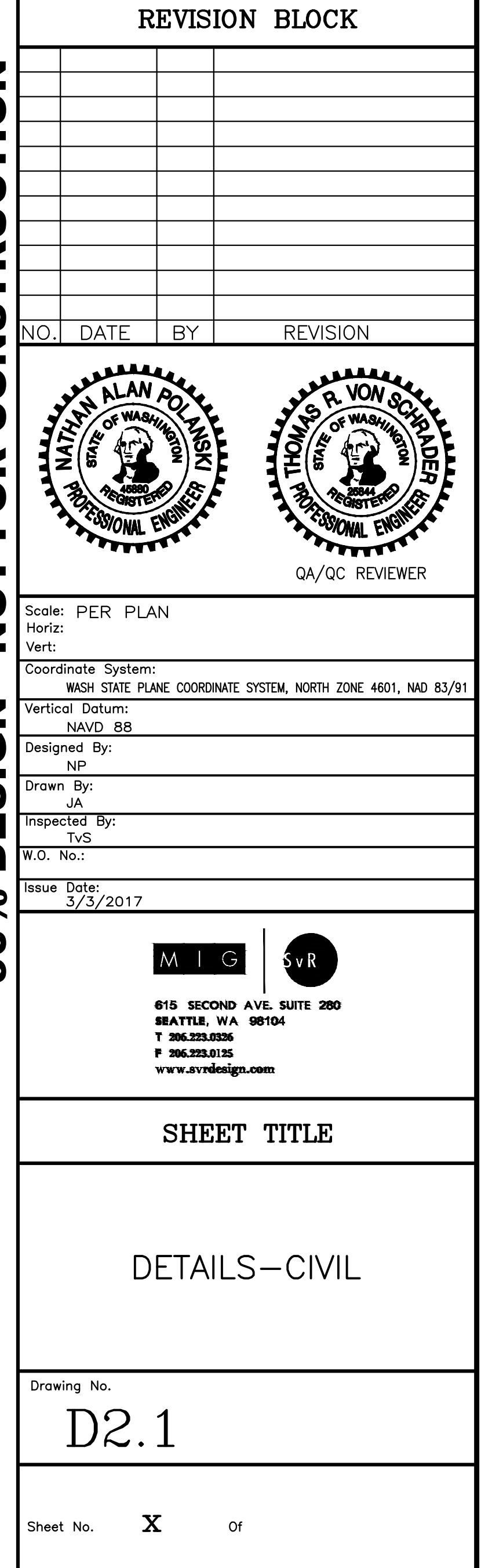
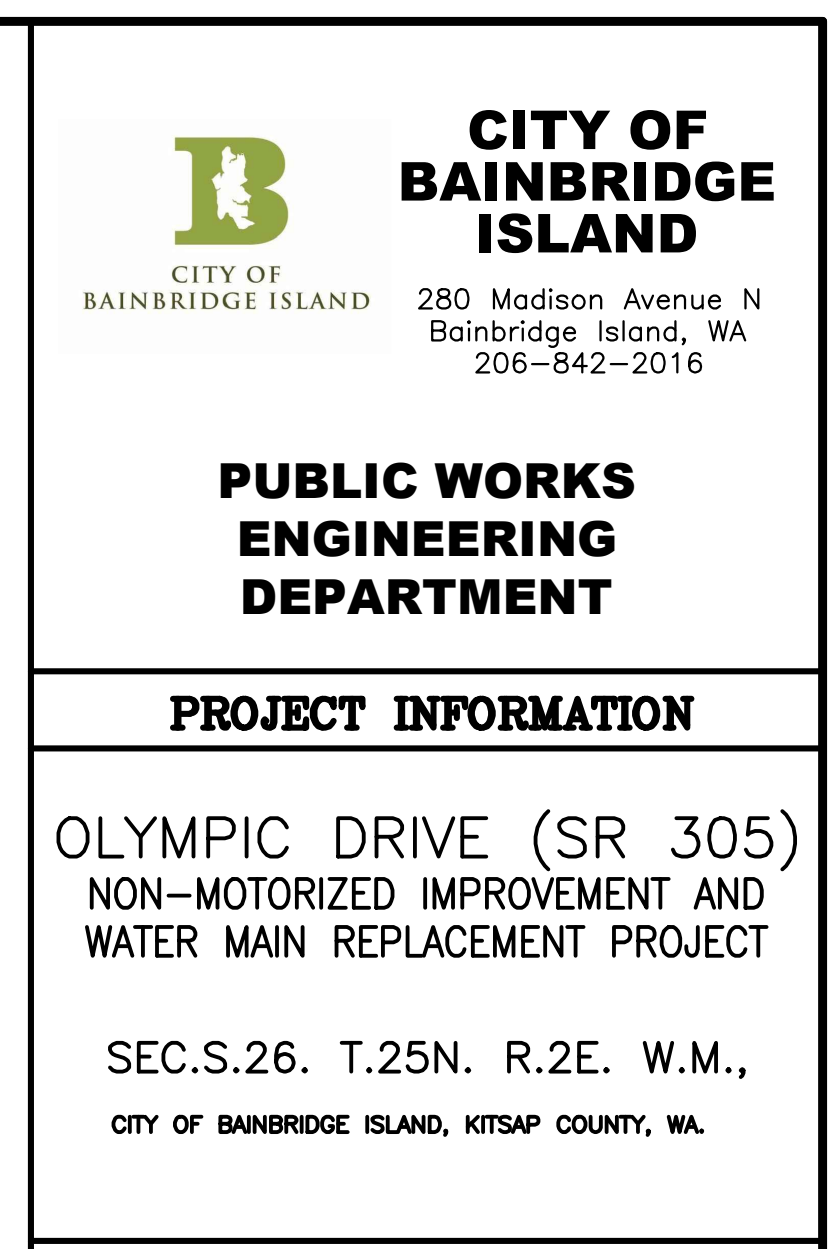
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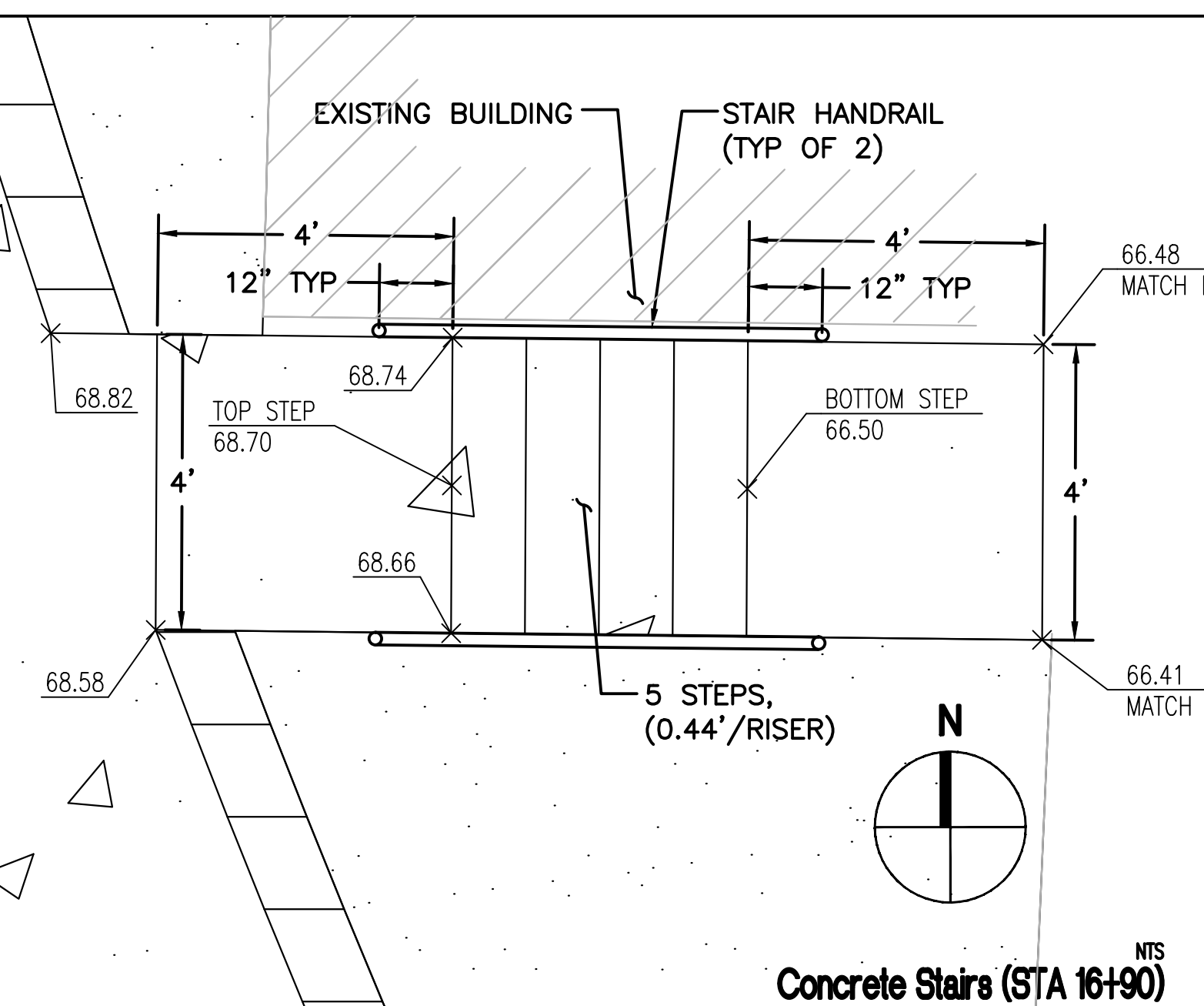
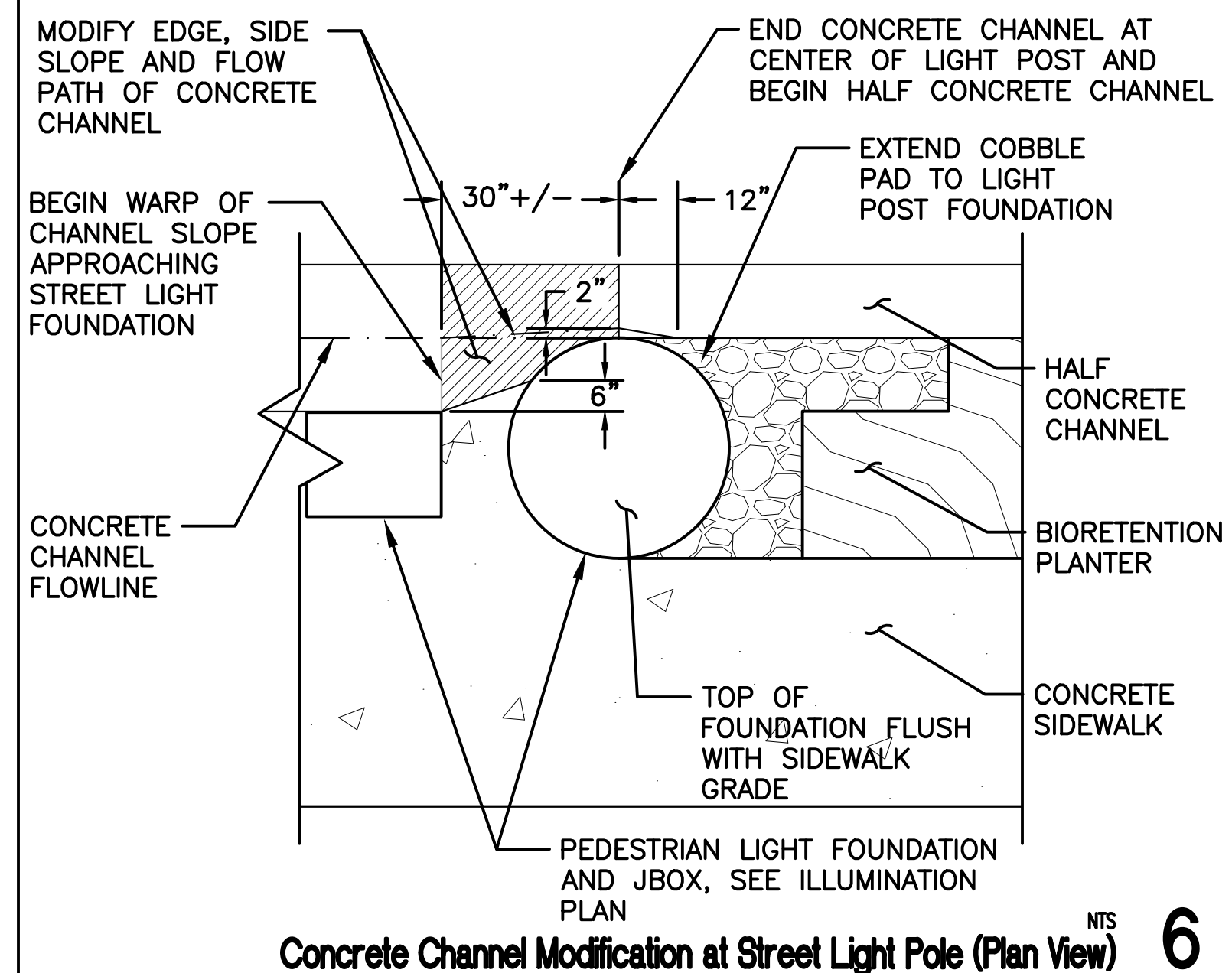
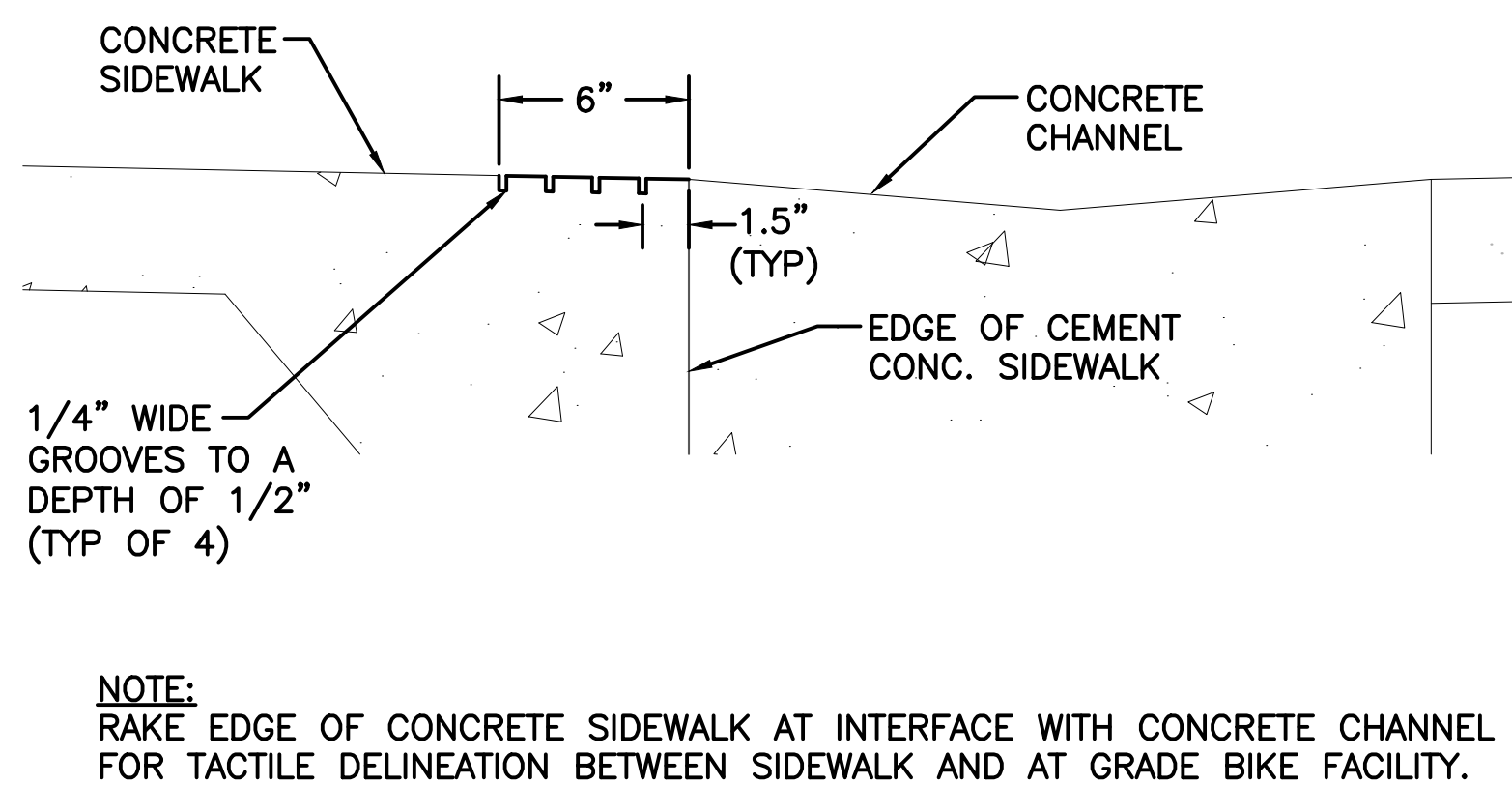
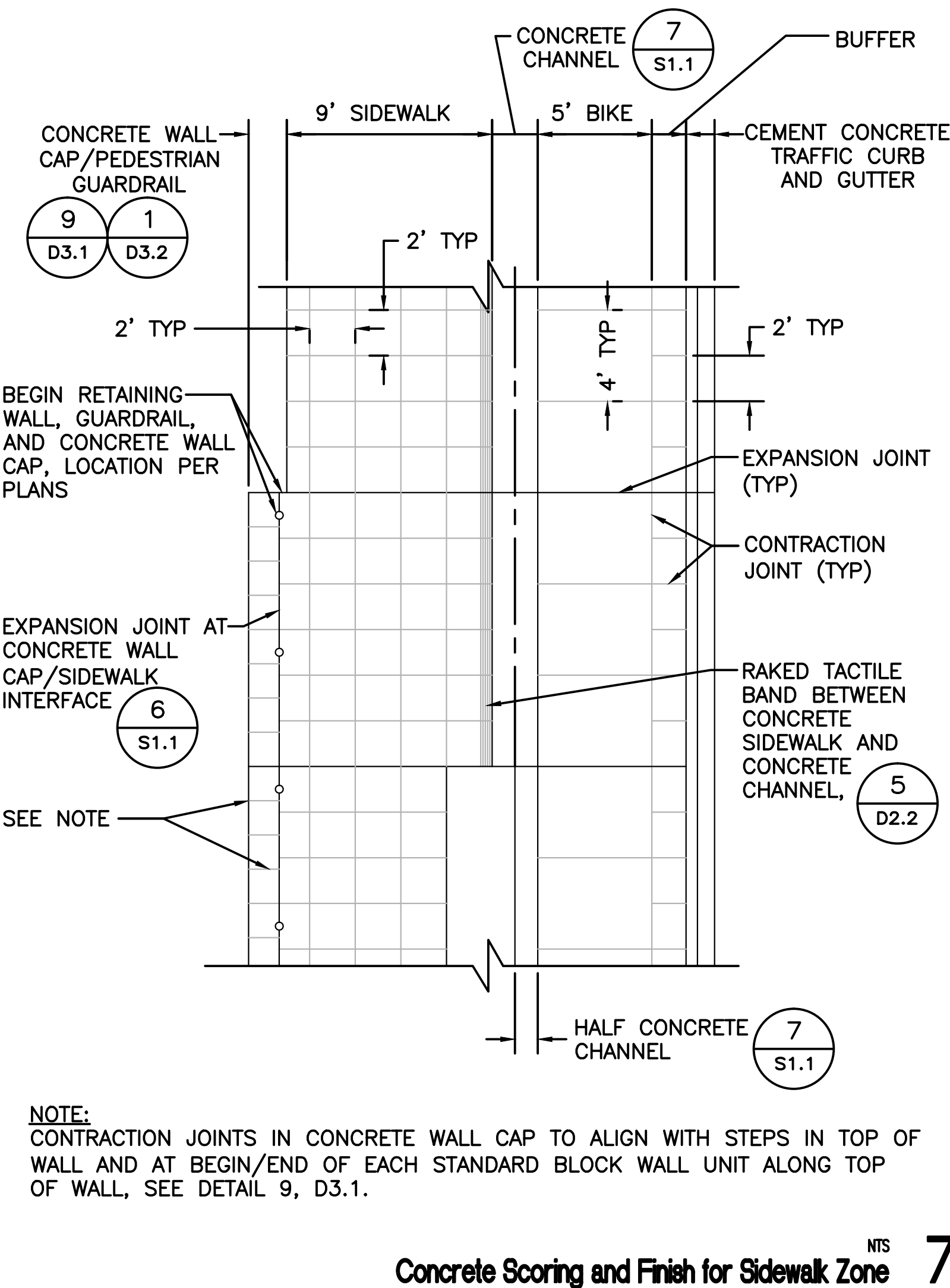
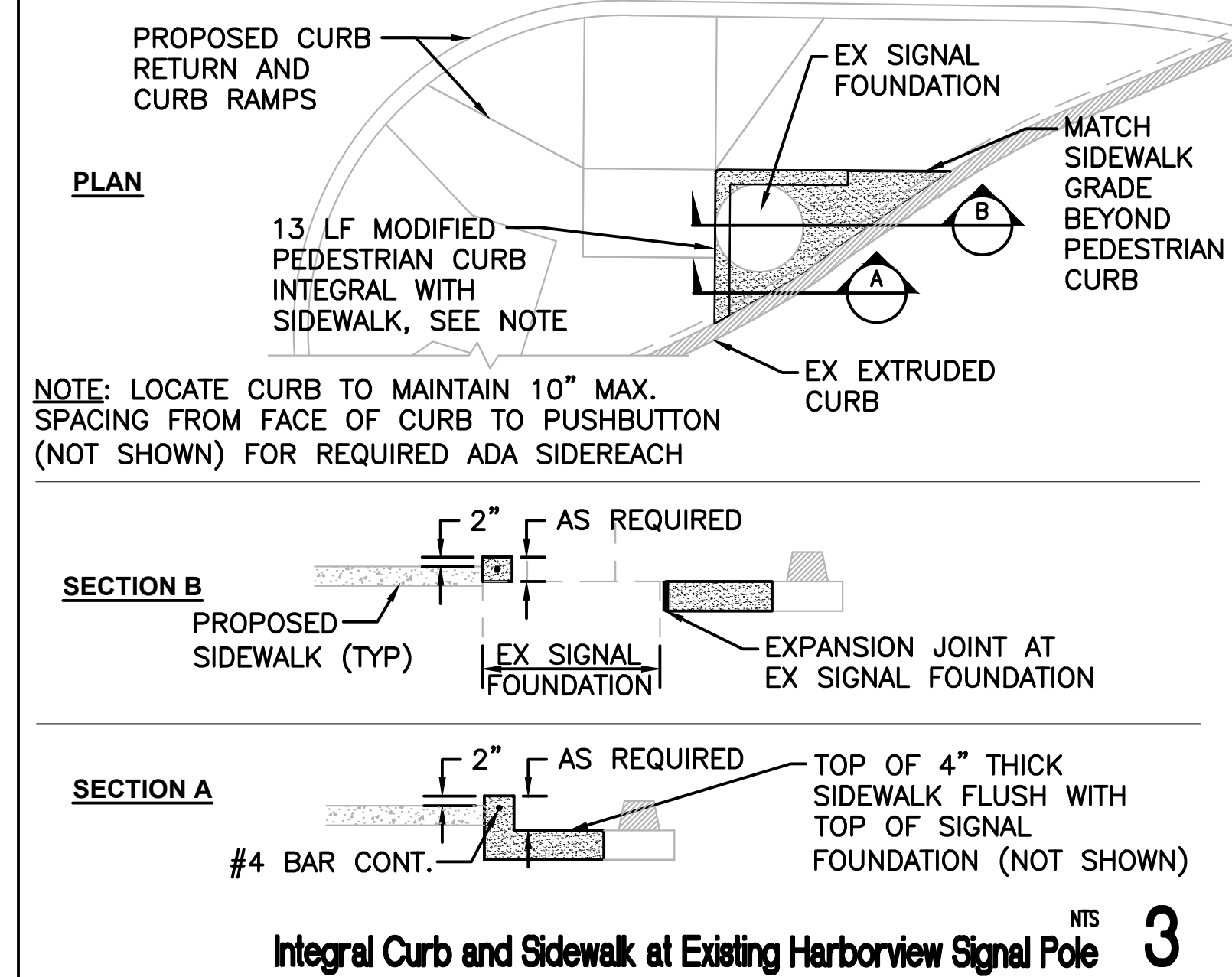
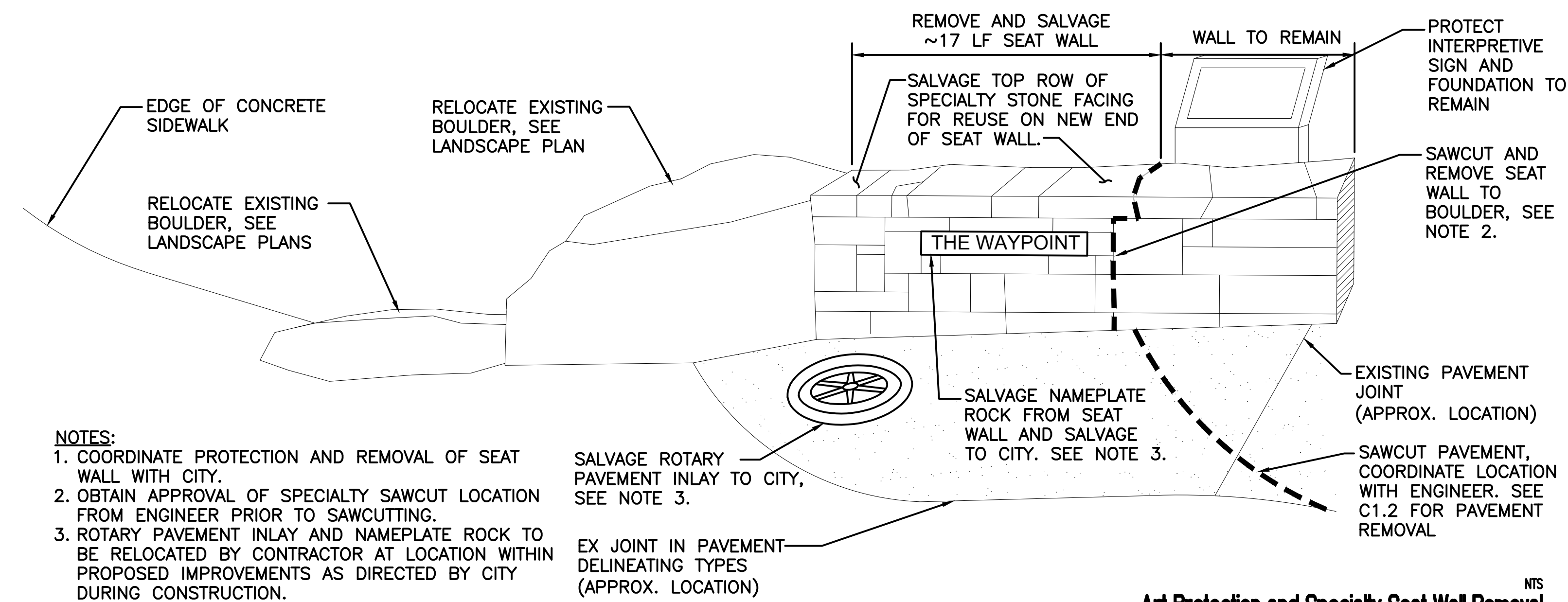
3 OLYMPIC DRIVE TYPICAL SECTION AT BIKE CURB RAMP

NTS
OLYMPIC STA 16+75 TO 16+99

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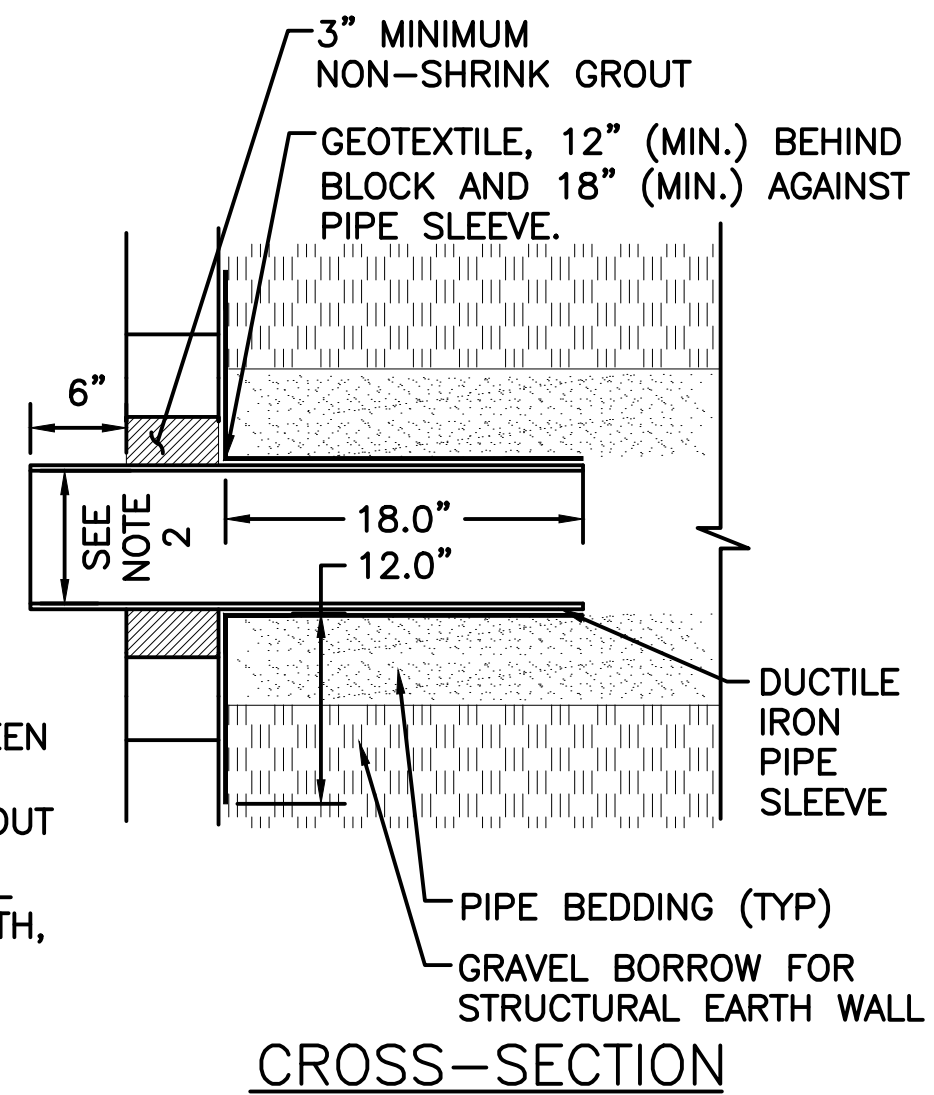
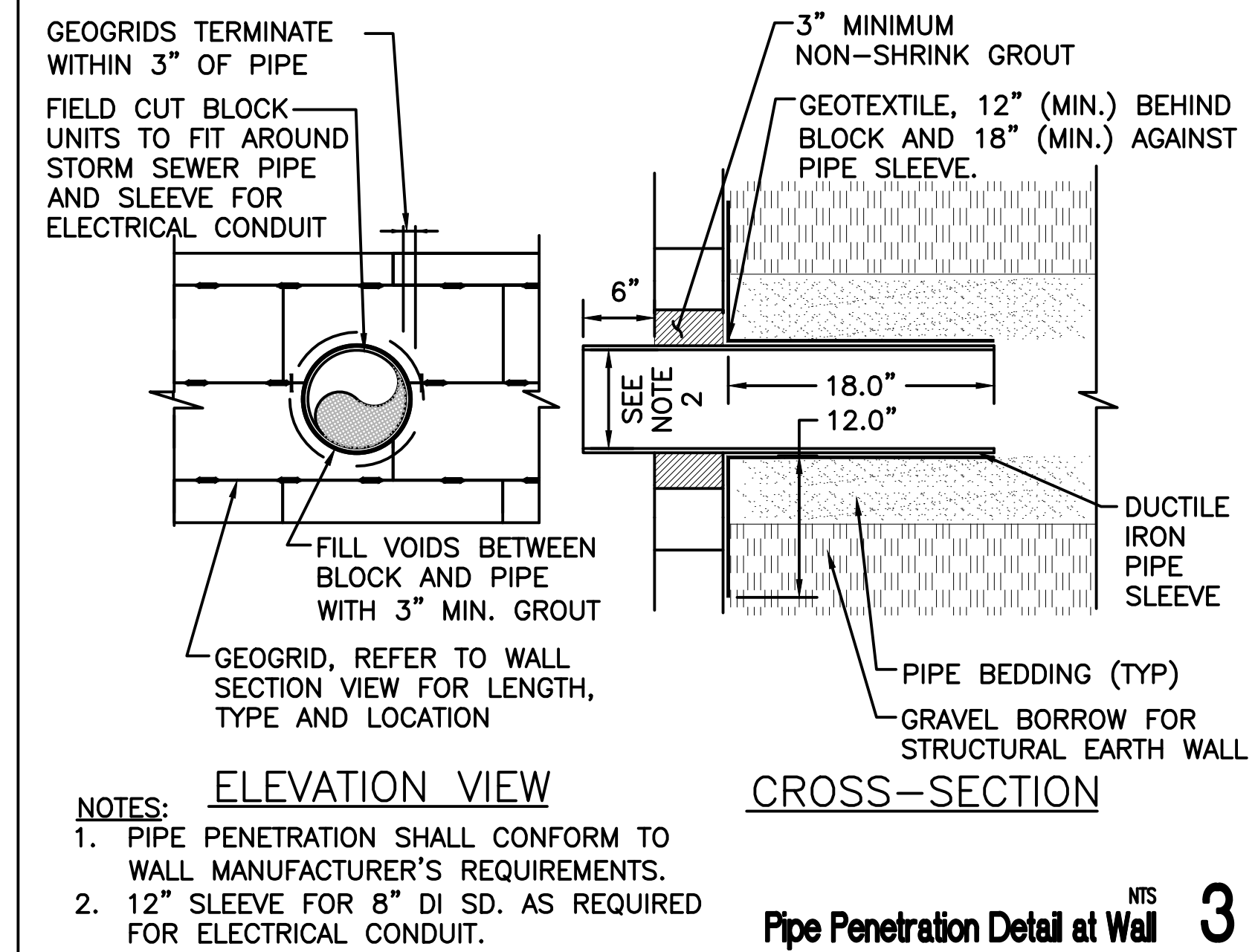
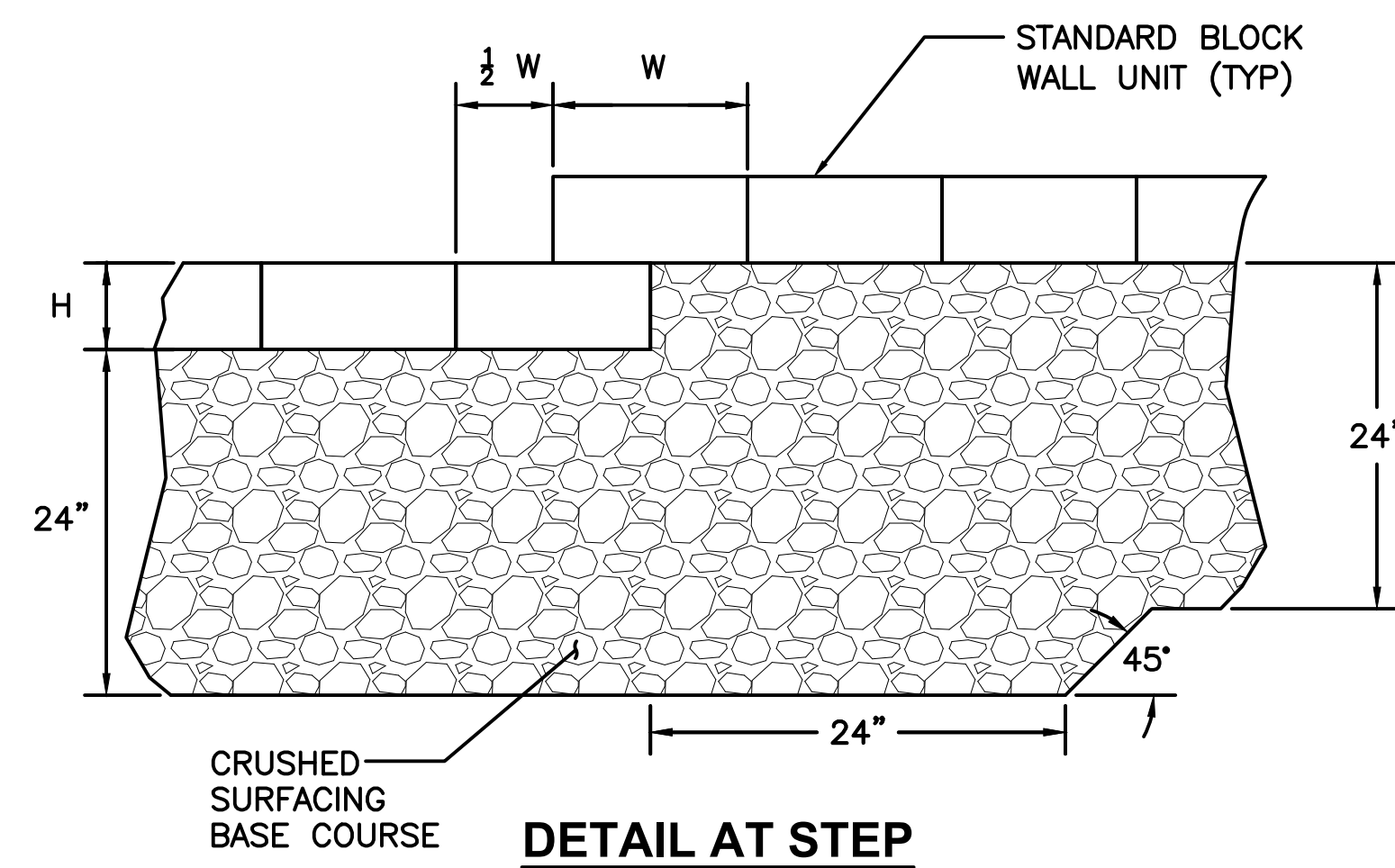
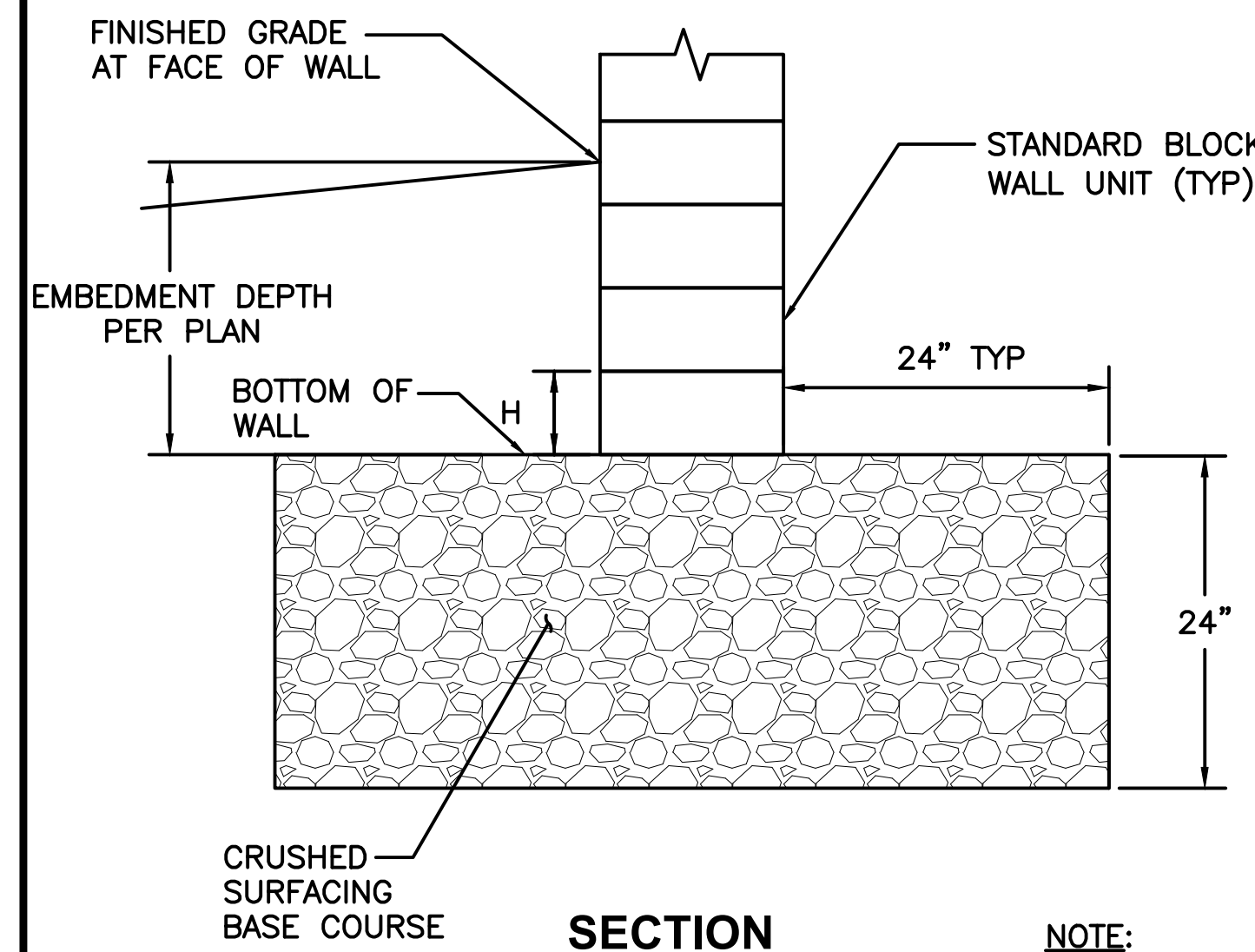


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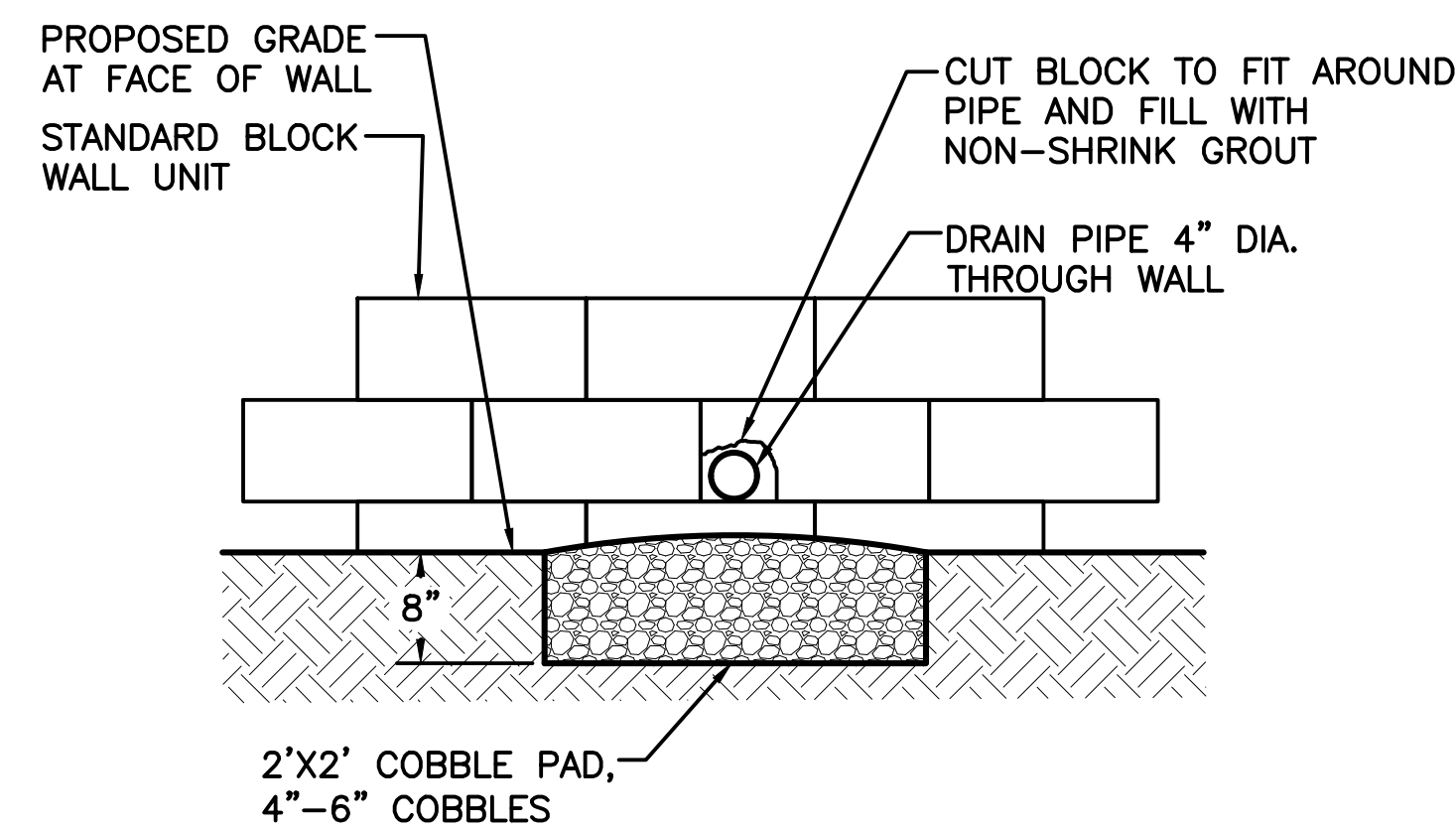
NTS
Not Used 9

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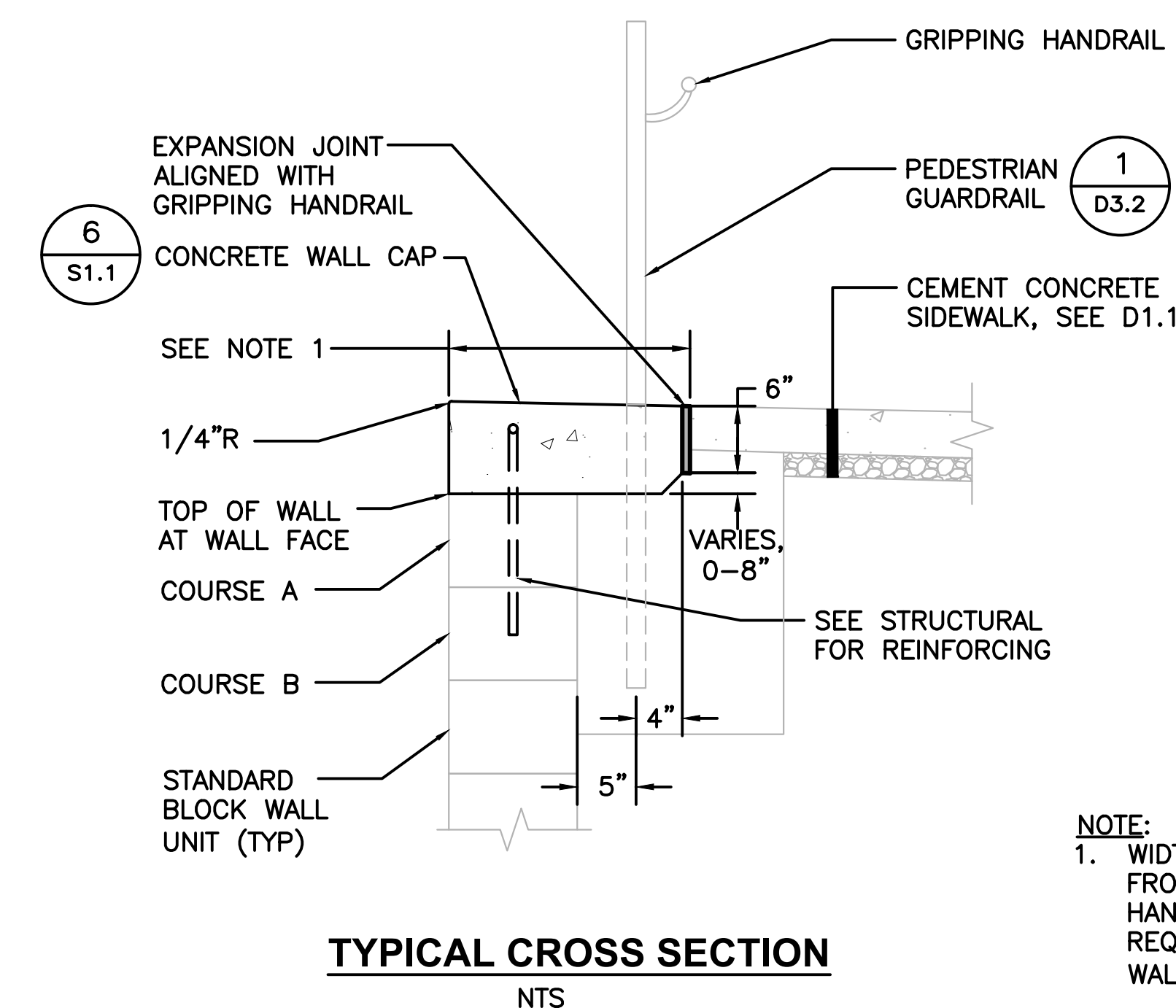
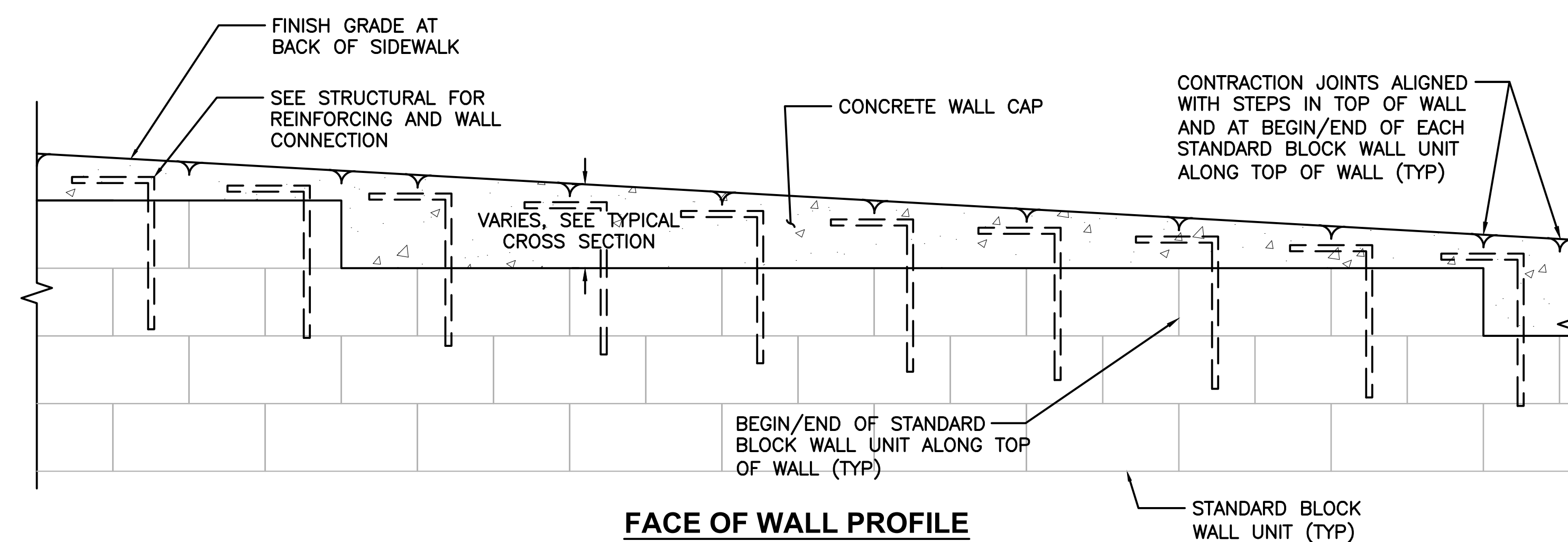


NTS Structural Fill Pad for Wall 2

NTS Pipe Penetration Detail at Wall 3



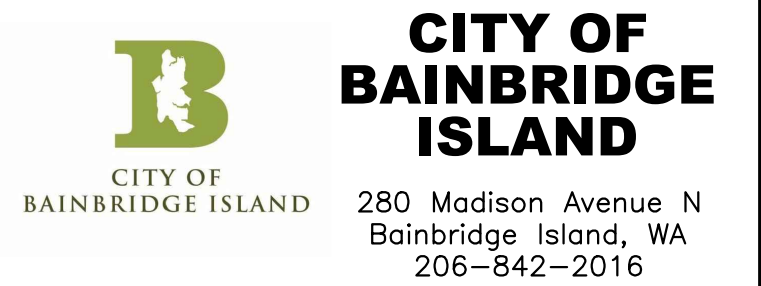
NTS Wall Drain Pipe Outlet 4



Concrete Wall Cap at Top of Wall ^{NTS} 9

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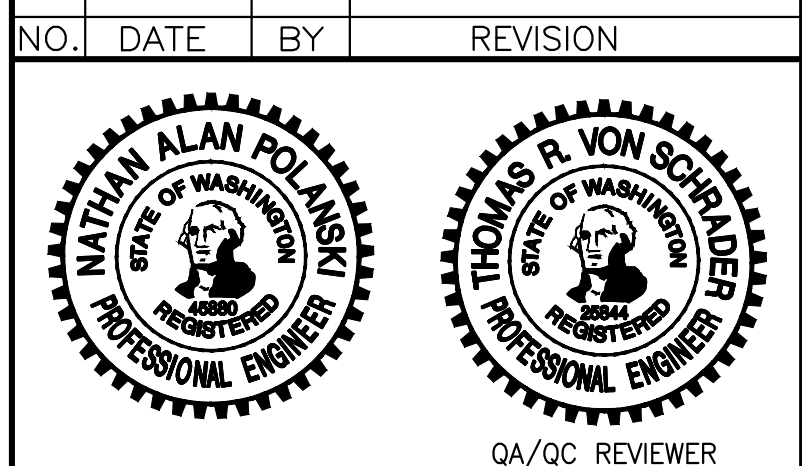
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PROJECT INFORMATION

OLYMPIC DRIVE (SR 305)
NON-MOTORIZED IMPROVEMENT AND
WATER MAIN REPLACEMENT PROJECT

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SHEET TITLE

DETAILS—STRUCTURAL EARTH WALL

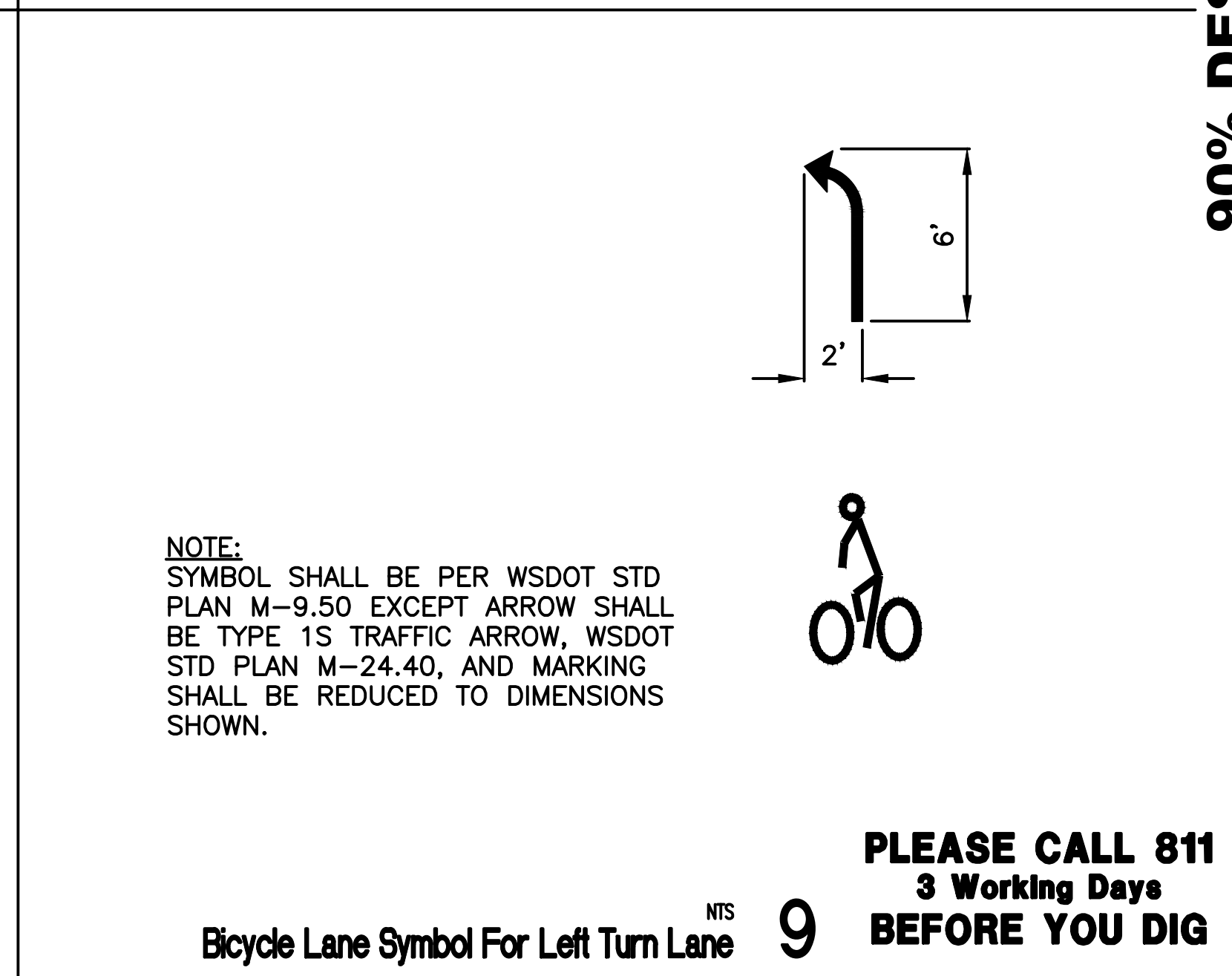
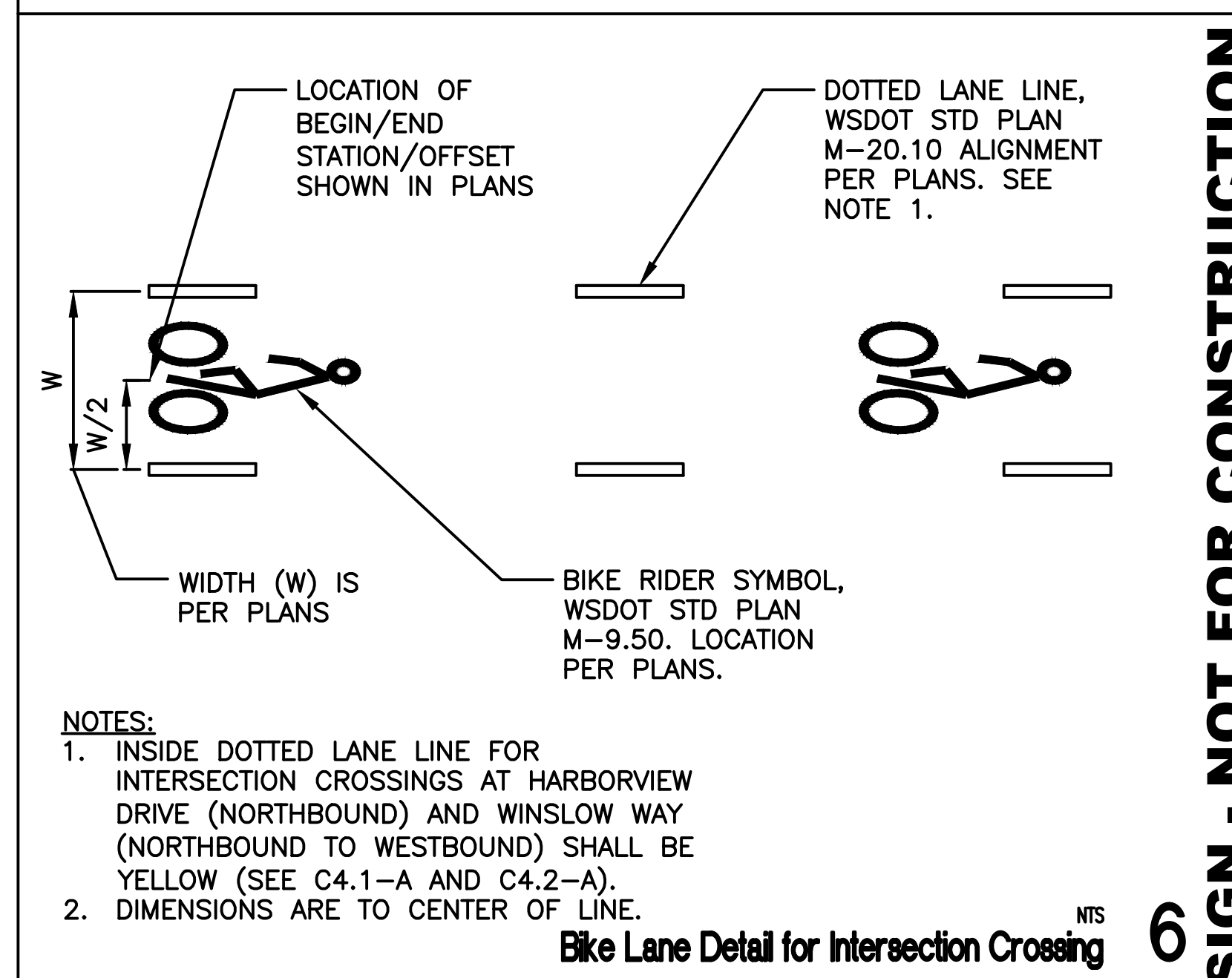
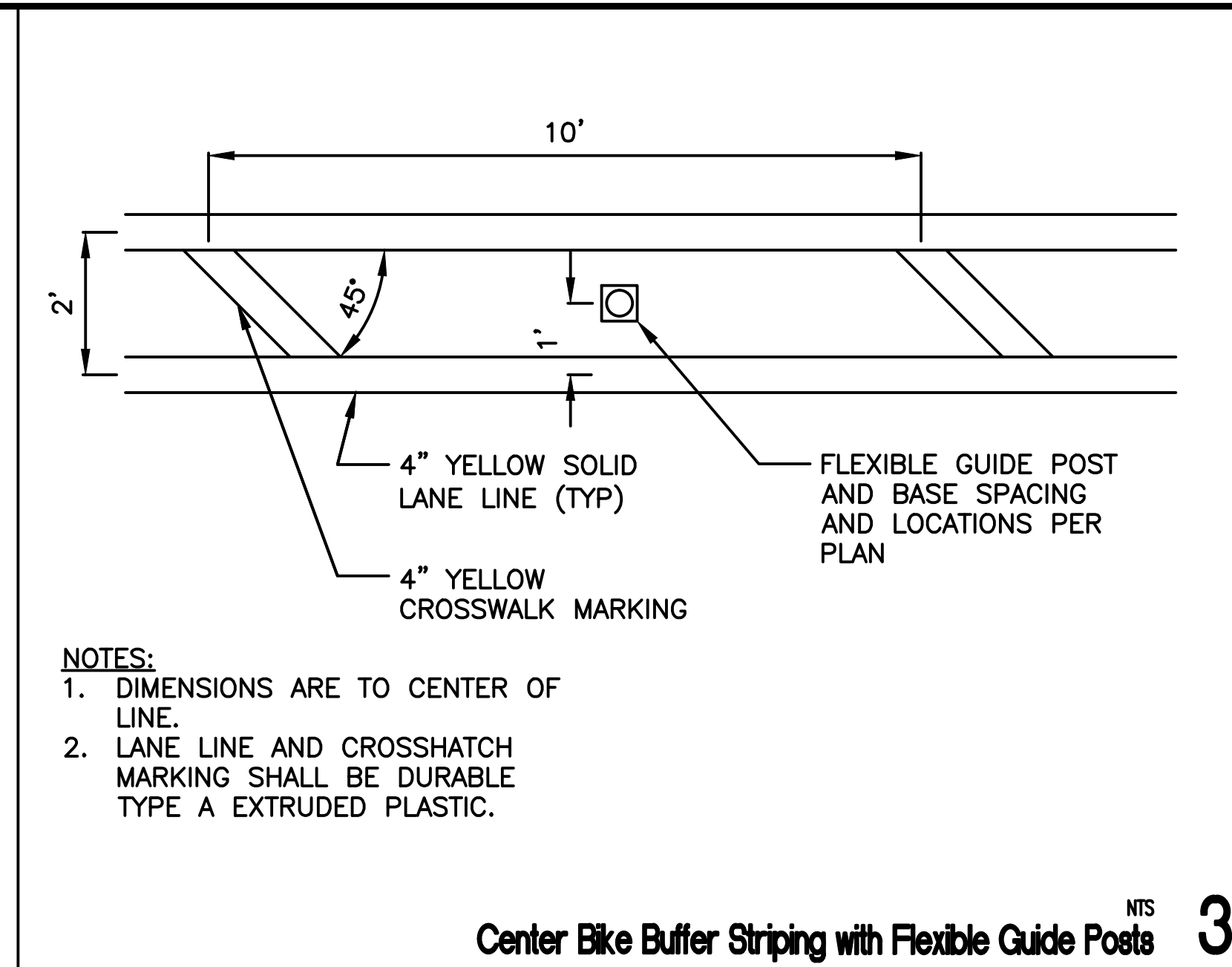
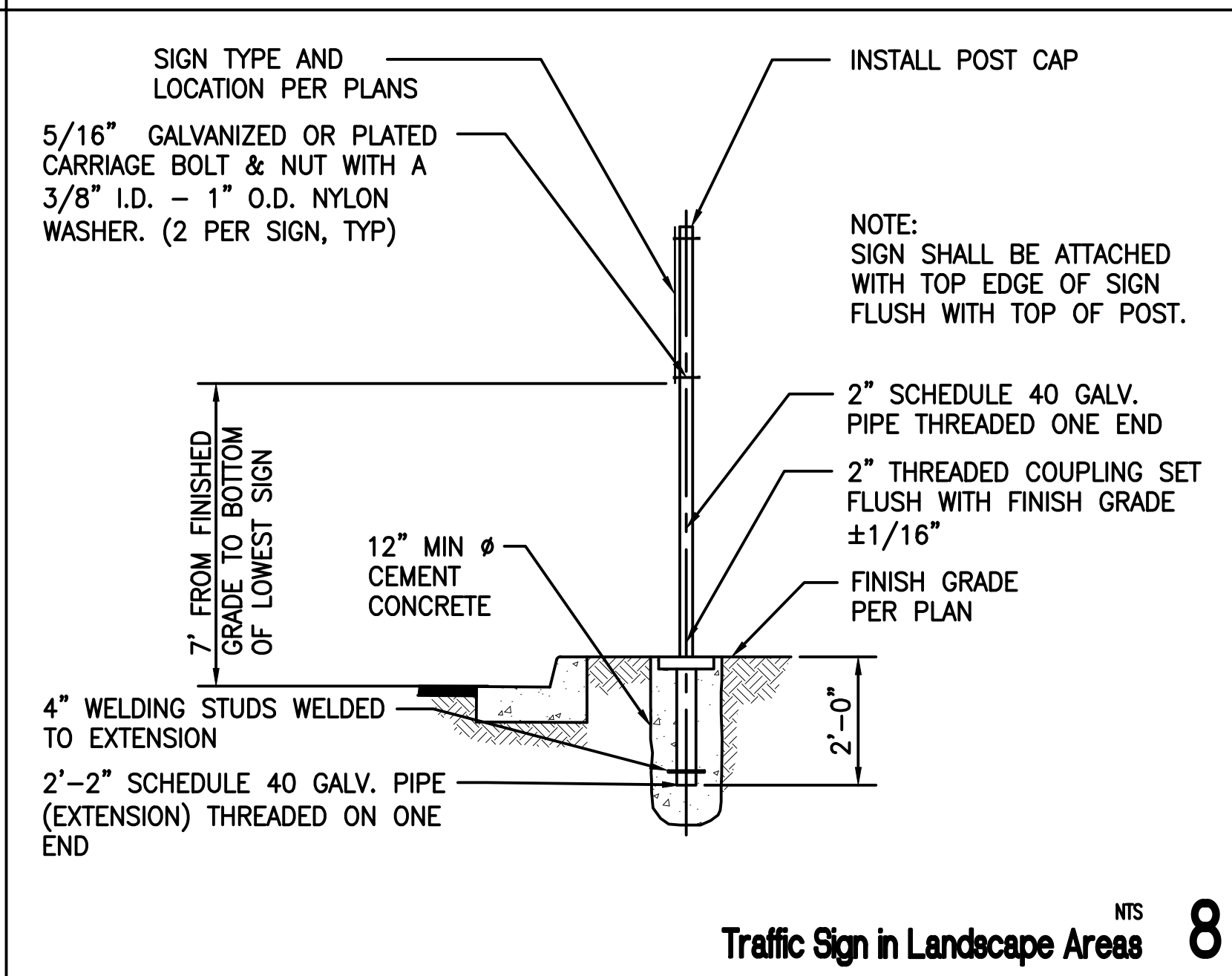
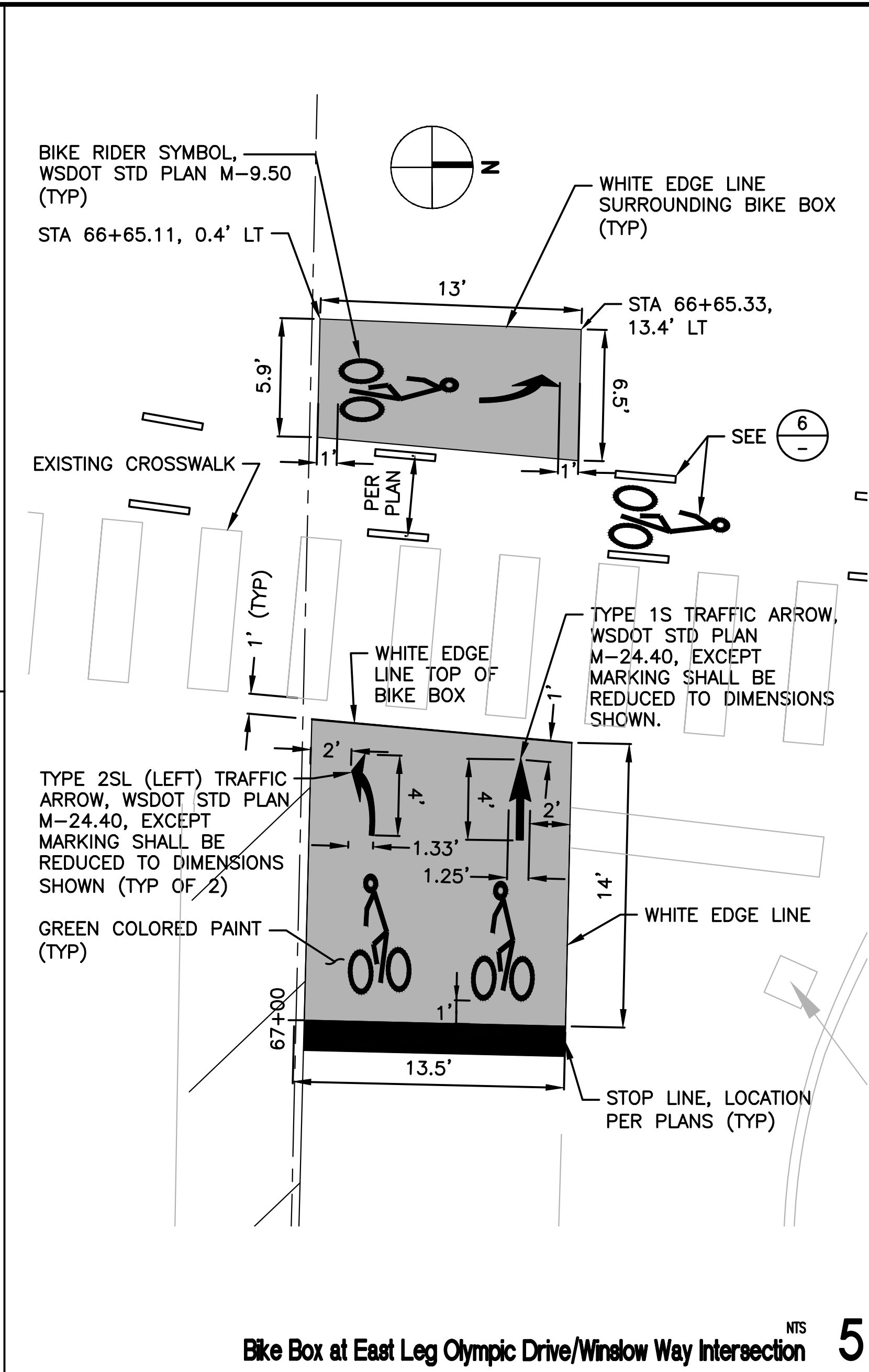
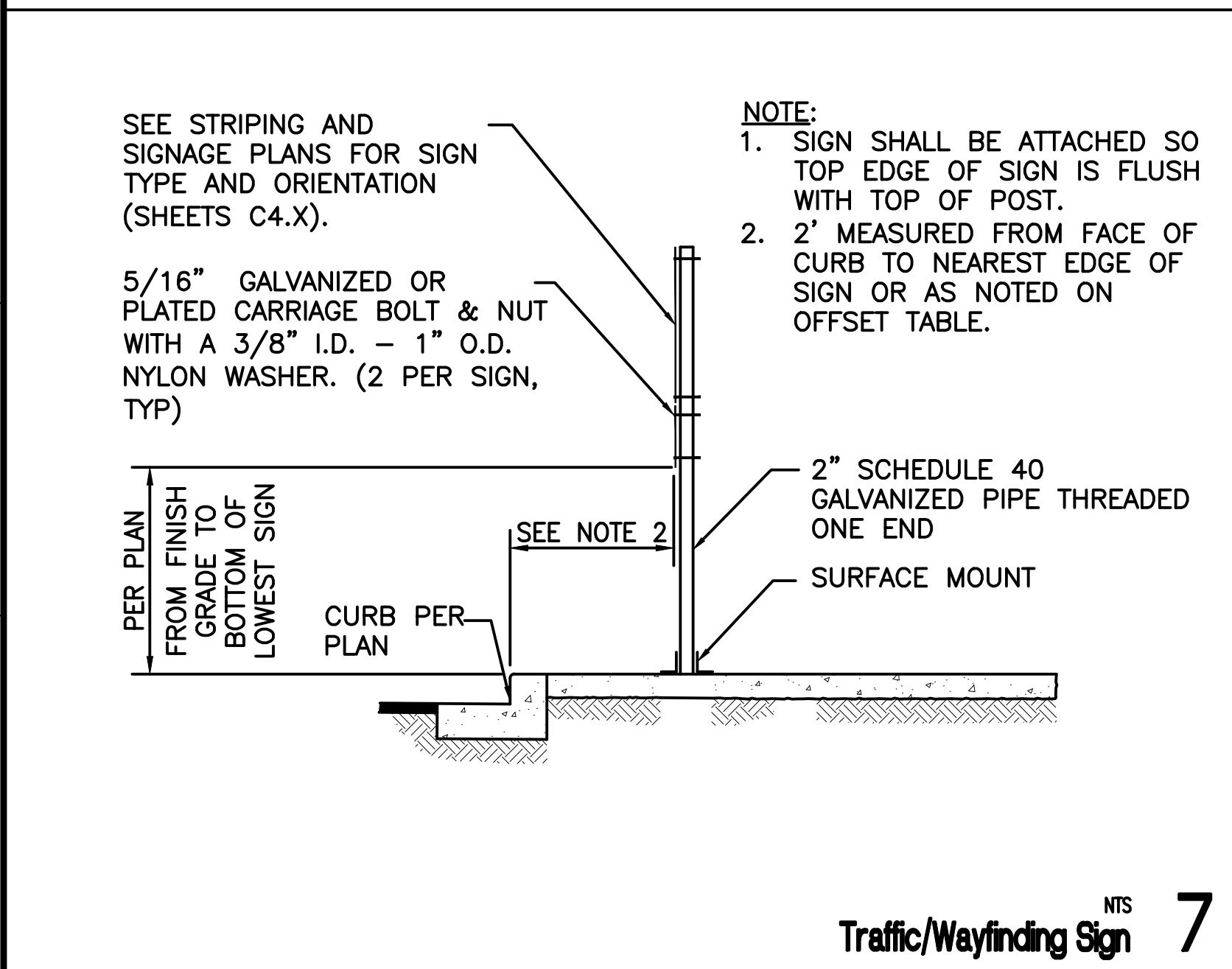
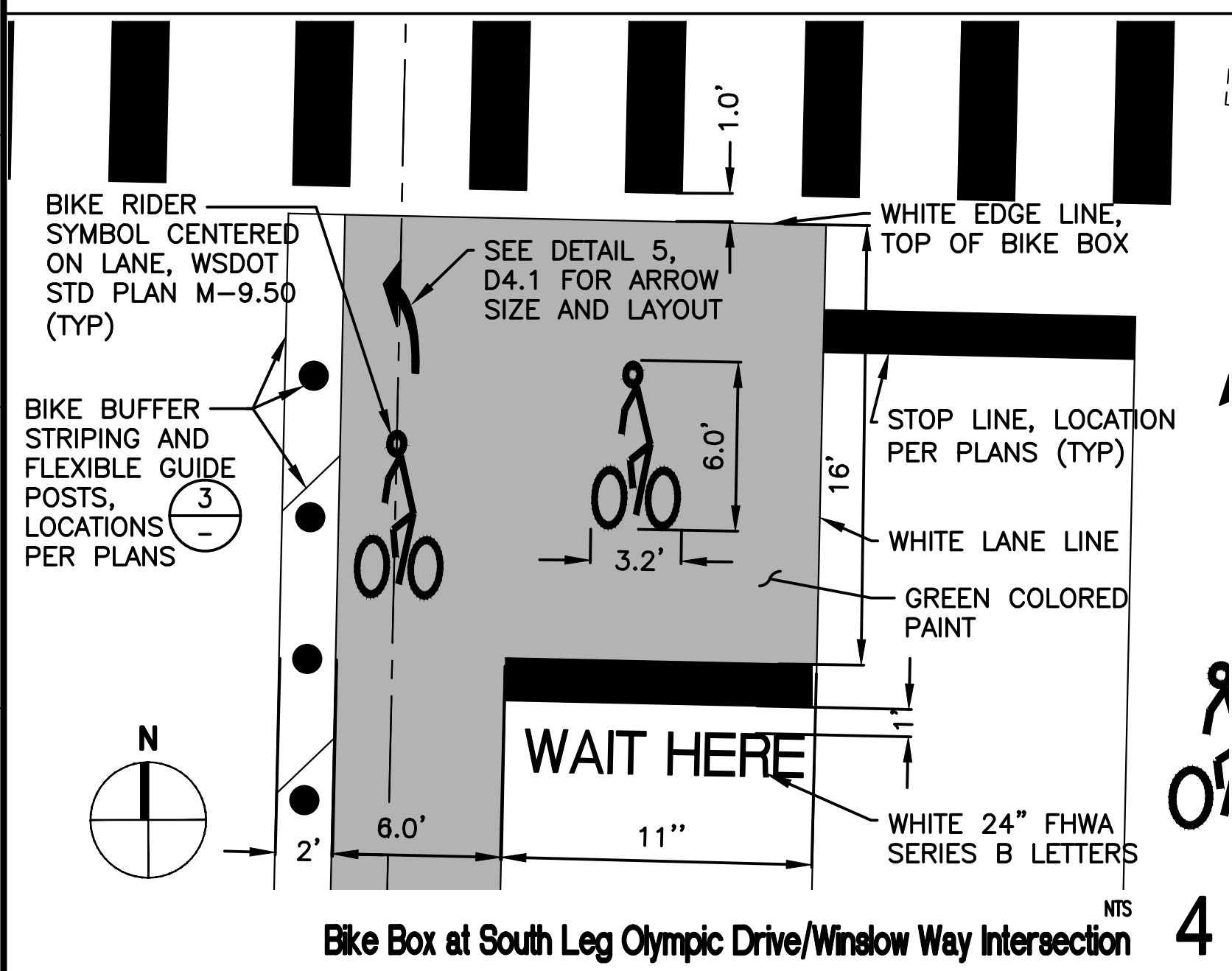
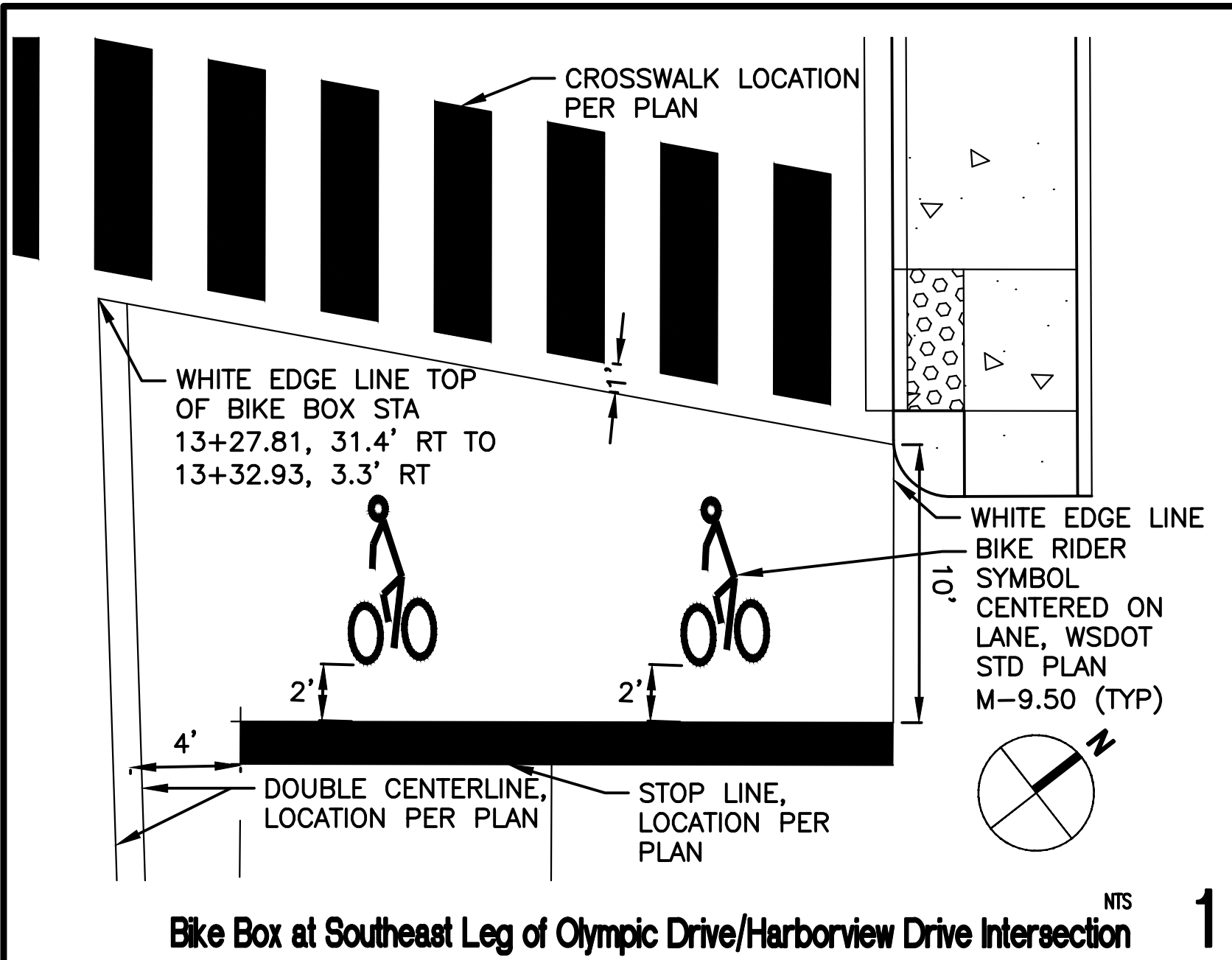
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SEC.S.26. T.25N. R.2E. W.M.,
CITY OF BAINBRIDGE ISLAND, KITSAP COUNTY, WA.

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NO.	DATE	BY	REVISION

NATHAN ALAN POTLANSKY
STATE OF WASHINGTON
PROFESSIONAL ENGINEER

THOMAS R. VON SCHAEFER
STATE OF WASHINGTON
PROFESSIONAL ENGINEER

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DETAILS—STRIPING
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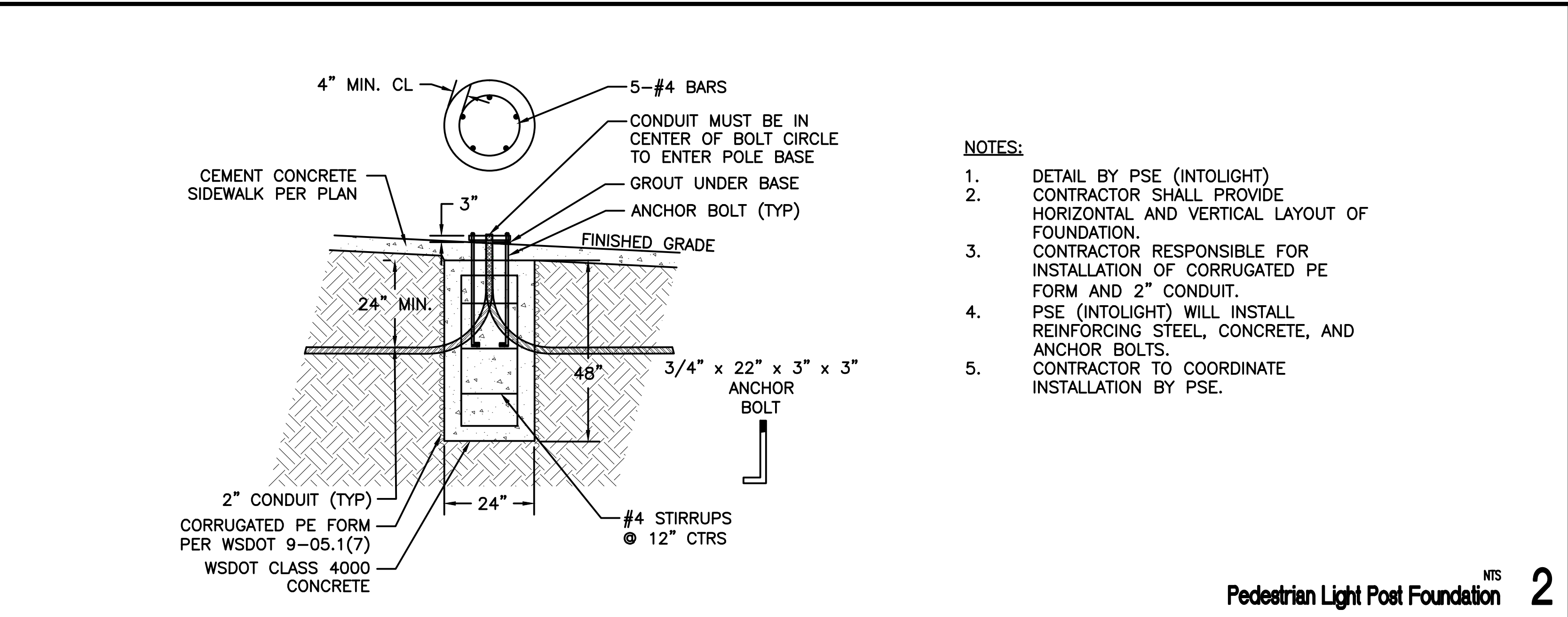
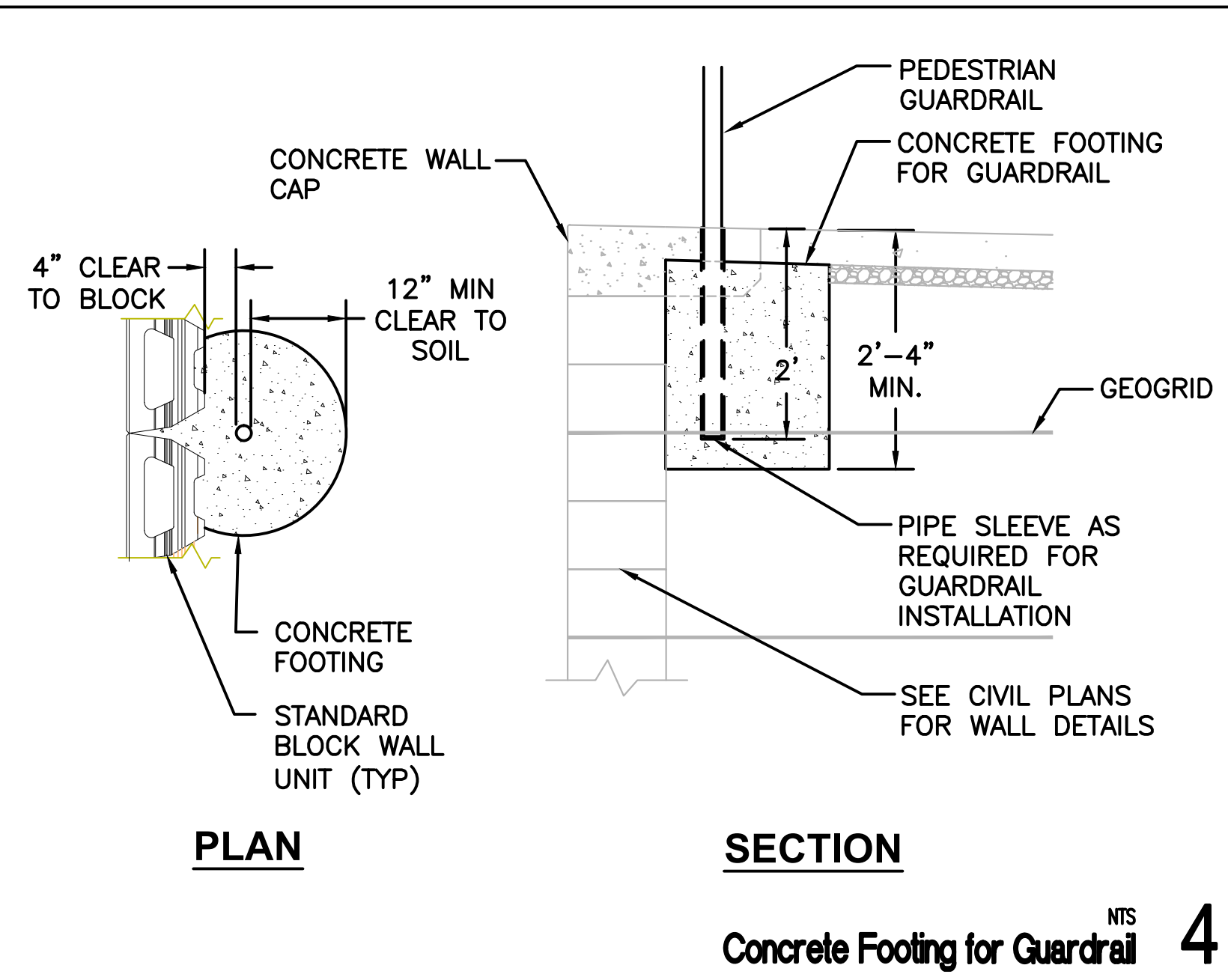
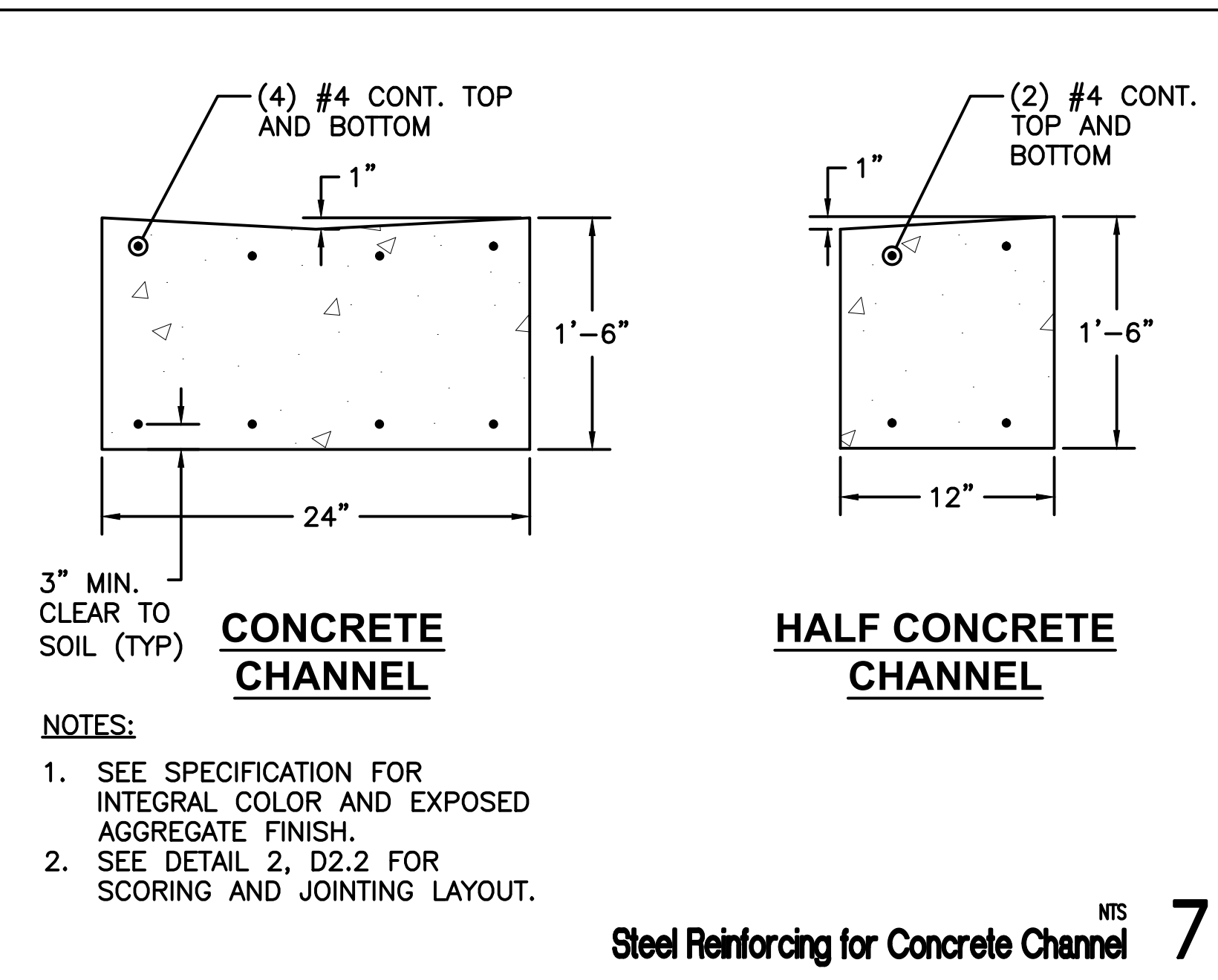


90% DESIGN - NOT FOR CONSTRUCTION

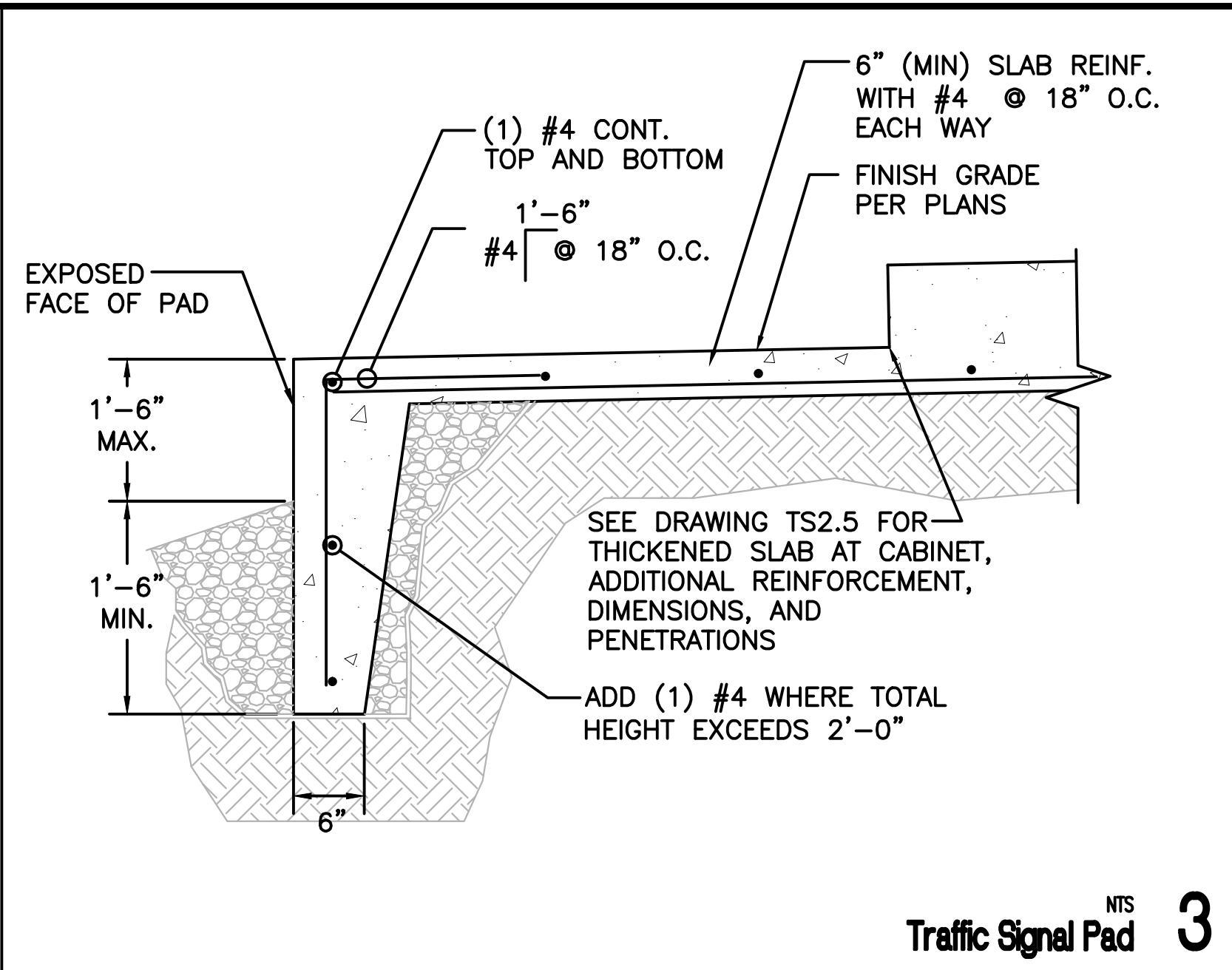
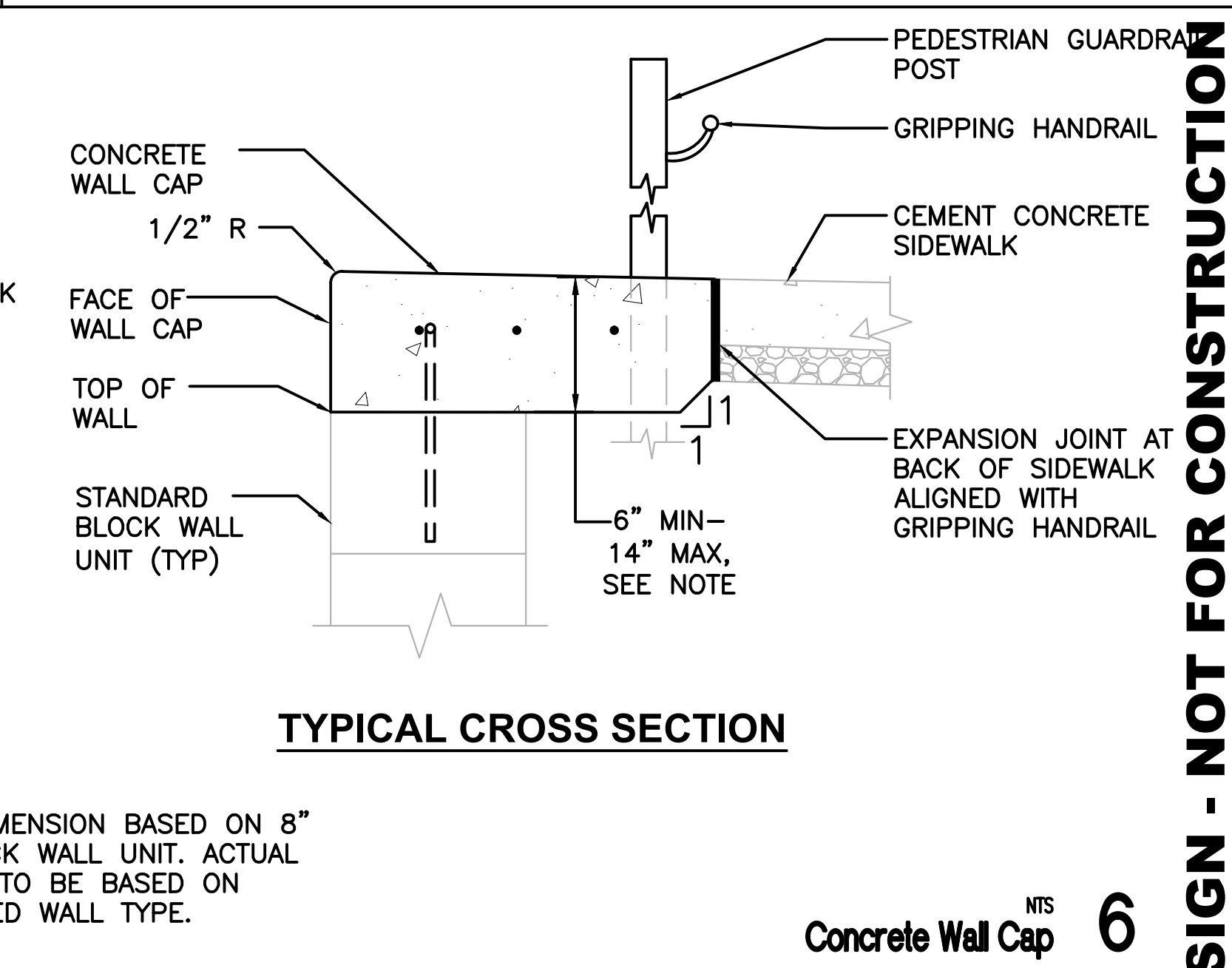
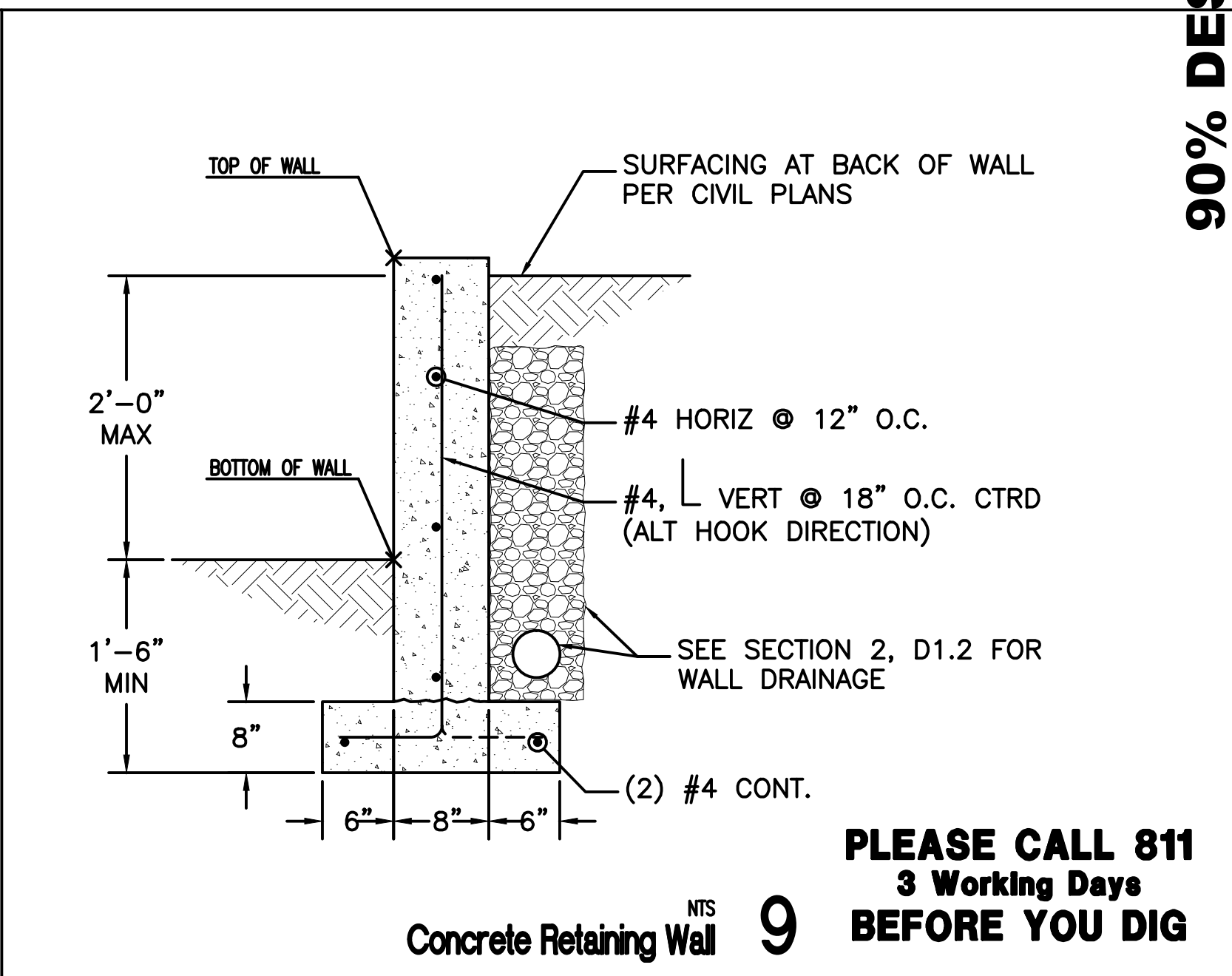
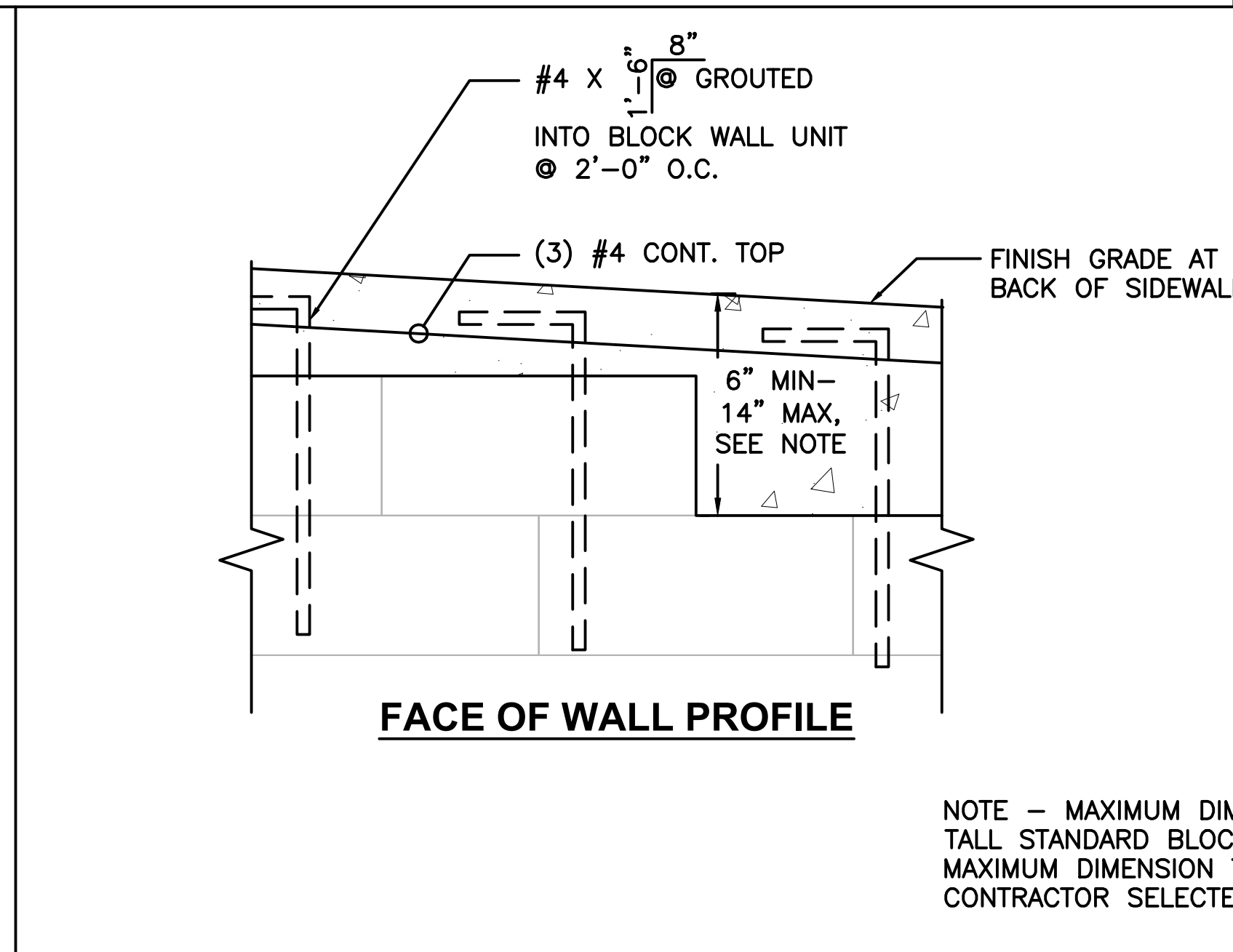


Revised: Mar 03, 2017 - 5:08:30pm By: Jennifer
File: C:\146\146088-00\Current\02_S1-1_DETAILS.dwg Layout: Layout1

Filename: 02_S1-1_DETAILS	Drawn By: Section: JZ/JA	Surveyed By: _____	Control Monument: _____	Recorded Survey: Kitsap County Auditor AF- _____	Constructed By: _____
XREF Filename: _____	Checked By: NP/TvS	Date: _____	Field Bk/Pg: _____	Vol/Bk: _____	Date: _____



- CONCRETE SHALL BE MIXED, PROPORTIONED, CONVEYED AND PLACED IN ACCORDANCE WITH ACI 301, INCLUDING TESTING PROCEDURES. CONCRETE SHALL ATTAIN A 28-DAY STRENGTH OF $f'_c = 3,000$ PSI AND MIX SHALL CONTAIN NOT LESS THAN 5-1/2 SACKS OF CEMENT PER CUBIC YARD AND SHALL BE PROPORTIONED TO PRODUCE A SLUMP OF 5" OR LESS.
 - ALL CONCRETE WITH SURFACES EXPOSED TO WEATHER OR STANDING WATER SHALL BE AIR-ENTRAINED WITH AN AIR-ENTRAINING AGENT CONFORMING TO ASTM C260, C494, AND C618. TOTAL AIR CONTENT FOR FROST-RESISTANT CONCRETE SHALL BE IN ACCORDANCE WITH TABLE ACI 318 TABLE 4.4.1 MODERATE EXPOSURE, F1.
 - REINFORCING STEEL SHALL CONFORM TO ASTM A615 (INCLUDING SUPPLEMENT S1), GRADE 60, $f_y = 60,000$ PSI.
 - DETAILING OF REINFORCING STEEL (INCLUDING HOOKS AND BENDS) SHALL BE IN ACCORDANCE WITH ACI 315-99 AND 318-08. LAP ALL CONTINUOUS REINFORCEMENT #5 AND SMALLER 40 BAR DIAMETERS OR 2'-0" MINIMUM. LAPS OF LARGER BARS SHALL BE MADE IN ACCORDANCE WITH ACI 318-08, CLASS B.
 - CONCRETE PROTECTION (COVER) FOR REINFORCING STEEL SHALL BE AS FOLLOWS:
 - FOOTINGS AND OTHER UNFORMED SURFACES CAST AGAINST AND - PERMANENTLY EXPOSED TO EARTH: 3"
 - FORMED SURFACES EXPOSED TO EARTH OR WEATHER:
 - (#6 BARS OR LARGER): 2"
 - (#5 BARS OR SMALLER): 1-1/2"
- General Concrete Structural Notes** NTS 8



CITY OF BAINBRIDGE ISLAND
CITY OF BAINBRIDGE ISLAND 280 Madison Avenue N
Bainbridge Island, WA 206-842-2016

PUBLIC WORKS ENGINEERING DEPARTMENT

PROJECT INFORMATION

OLYMPIC DRIVE (SR 305)
NON-MOTORIZED IMPROVEMENT AND WATER MAIN REPLACEMENT PROJECT

SEC.S.26. T.25N. R.2E. W.M.,
CITY OF BAINBRIDGE ISLAND, KITSAP COUNTY, WA.

REVISION BLOCK			
NO.	DATE	BY	REVISION

Scale: PER PLAN
Horiz: WASH STATE PLANE COORDINATE SYSTEM, NORTH ZONE 4601, NAD 83/91
Vert: NAVD 88

Designed By: NP
Drawn By: JA
Inspected By: TvS
W.O. No.:
Issue Date: 3/3/2017

615 SECOND AVE. SUITE 280
SEATTLE, WA 98104
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F 206.223.0125
www.svrdesign.com

SHEET TITLE

DETAILS - STRUCTURAL

Drawing No. S1.1

Sheet No. X of

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**PLEASE CALL 811
3 Working Days
BEFORE YOU DIG**